

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062018\
 Data File : VU024768.D
 Acq On : 20 Jun 2018 19:33
 Operator : MD/SY
 Sample : J3529-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-03

Quant Time: Jun 21 07:51:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	190583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	296551	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	276418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	150810	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	134525	43.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.48%	
35) Dibromofluoromethane	4.89	113	115149	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	
50) Toluene-d8	7.57	98	433879	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
62) 4-Bromofluorobenzene	10.31	95	156687	43.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.92%	

Target Compounds					Qvalue	
3) Chloromethane	1.33	50	3463	1.421	ug/l	97
5) Bromomethane	1.64	94	653	0.537	ug/l #	69
6) Chloroethane	1.70	64	322	Below Cal	#	43
10) Methyl Iodide	2.42	142	258	5.403	ug/l #	40
11) Tert butyl alcohol	2.82	59	22309	29.482	ug/l #	93
13) Acrolein	2.20	56	171	0.430	ug/l #	13
16) Acetone	2.32	43	99376	59.446	ug/l	96
17) Carbon Disulfide	2.48	76	6156	0.886	ug/l	100
18) Methyl Acetate	2.44	43	7462	2.082	ug/l #	53
19) Methyl tert-butyl Ether	3.00	73	19525	2.394	ug/l	99
24) 1,1-Dichloroethane	3.45	63	1248	0.272	ug/l #	83
25) 2-Butanone	4.27	43	14166	6.309	ug/l #	89
26) 2,2-Dichloropropane	4.19	77	2544	0.583	ug/l #	53
29) Tetrahydrofuran	4.64	42	3243	2.332	ug/l	95
31) Cyclohexane	4.99	56	3865	Below Cal	#	1
36) 1,1-Dichloropropene	4.99	75	14310	4.107	ug/l #	47
38) Carbon Tetrachloride	4.99	117	17779	4.640	ug/l #	16
40) Benzene	5.39	78	43054	4.336	ug/l	98
43) Isopropyl Acetate	5.59	43	4182	0.637	ug/l #	63
49) 1,4-Dioxane	6.62	88	86	1.376	ug/l #	22
51) 4-Methyl-2-Pentanone	7.46	43	8063	1.955	ug/l	95
52) Toluene	7.64	92	6042	0.946	ug/l	92
59) 2-Hexanone	8.37	43	1563	0.464	ug/l	94
68) m/p-Xylenes	9.38	106	1273	0.268	ug/l	93
69) o-Xylene	9.78	106	966	0.205	ug/l	93
74) N-amyl acetate	10.03	43	3777	0.686	ug/l #	22
76) 1,2,3-Trichloropropane	10.31	75	79624	23.981	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	79624	55.502	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.14	105	8852	0.866	ug/l #	48
85) sec-Butylbenzene	11.14	105	8852	0.733	ug/l #	57
86) p-Isopropyltoluene	11.48	119	2313	0.214	ug/l #	72
90) Hexachloroethane	12.36	117	458	0.217	ug/l #	8
95) Naphthalene	13.75	128	13350	1.867	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

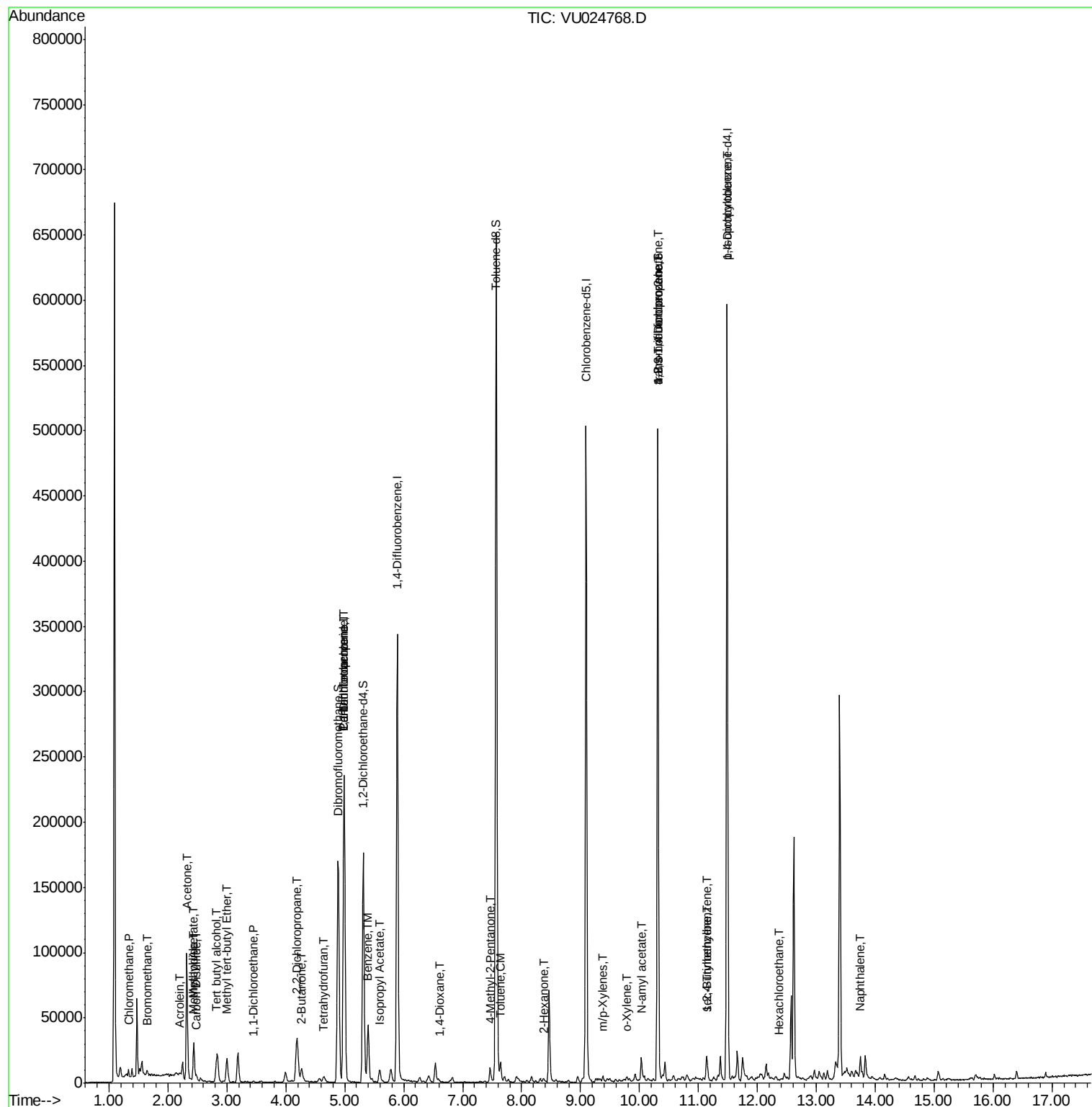
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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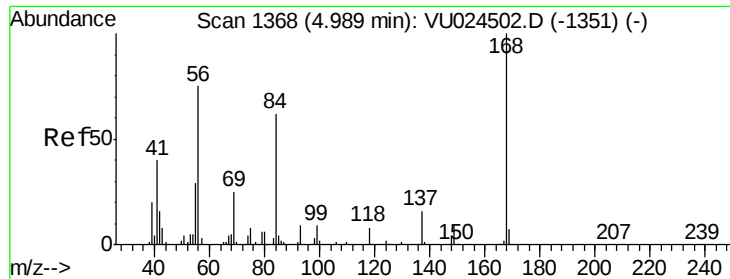
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024768.D

Acq: 20 Jun 2018 19:33

Instrument :

MSVOA_U

ClientSampleId :

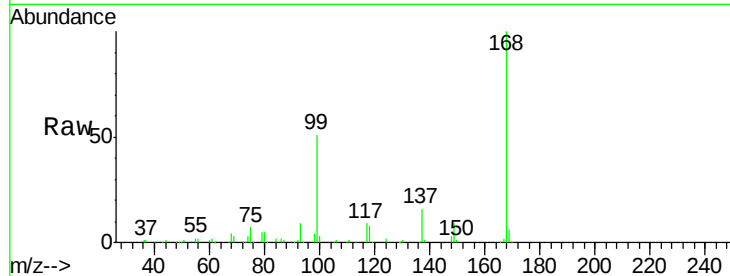
TPTW-03

Tgt Ion:168 Resp: 190583

Ion Ratio Lower Upper

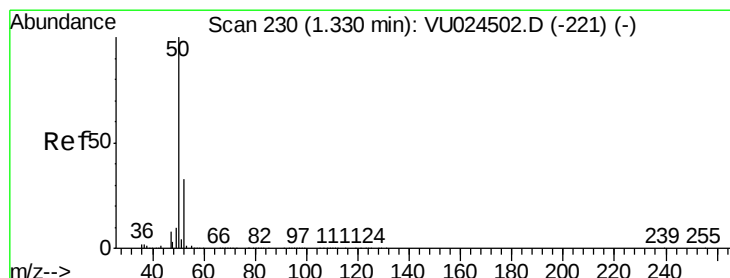
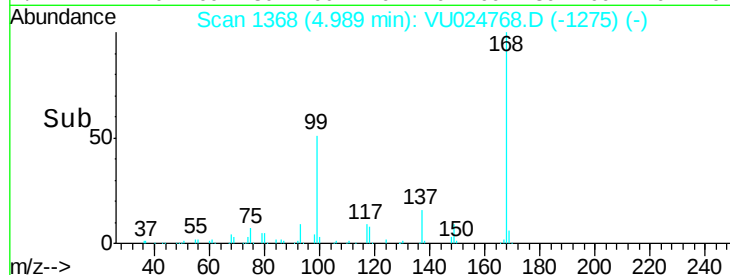
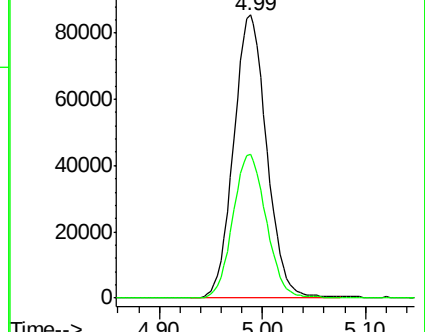
168 100

99 50.6 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)



#3

Chloromethane

Concen: 1.421 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU024768.D

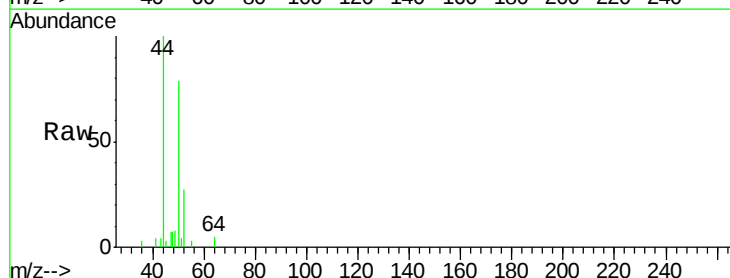
Acq: 20 Jun 2018 19:33

Tgt Ion: 50 Resp: 3463

Ion Ratio Lower Upper

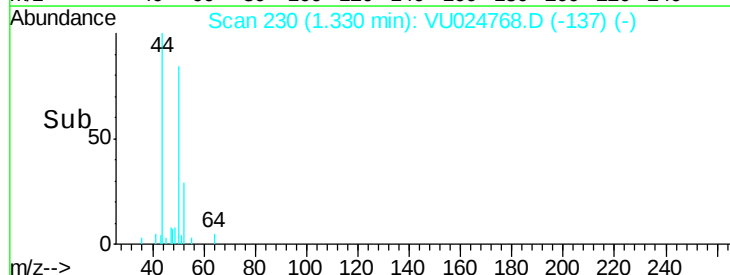
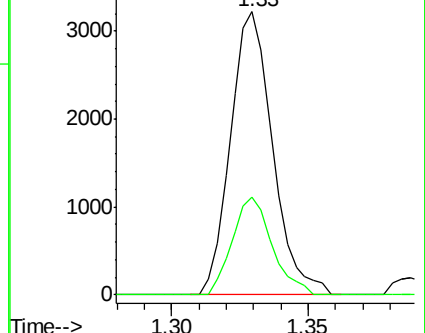
50 100

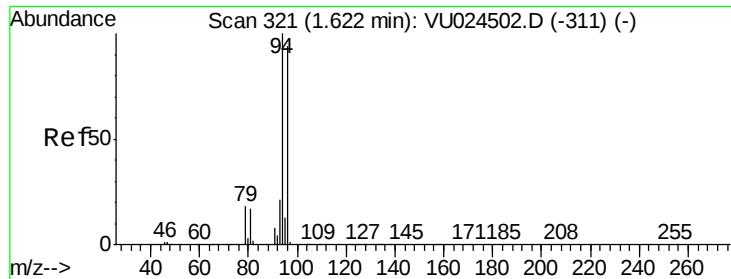
52 34.7 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VU024502.D (-221) (-)

Ion 51.90 (51.60 to 52.60): VU024502.D (-221) (-)





#5

Bromomethane

Concen: 0.537 ug/l

RT: 1.64 min Scan# 327

Delta R.T. 0.02 min

Lab File: VU024768.D

Acq: 20 Jun 2018 19:33

Instrument :

MSVOA_U

ClientSampleId :

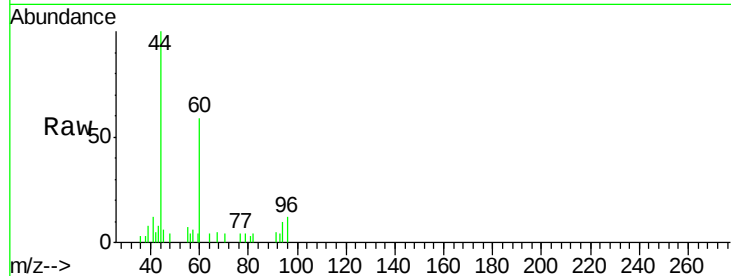
TPTW-03

Tgt Ion: 94 Resp: 653

Ion Ratio Lower Upper

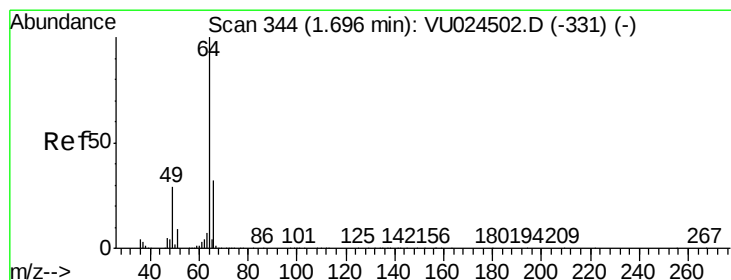
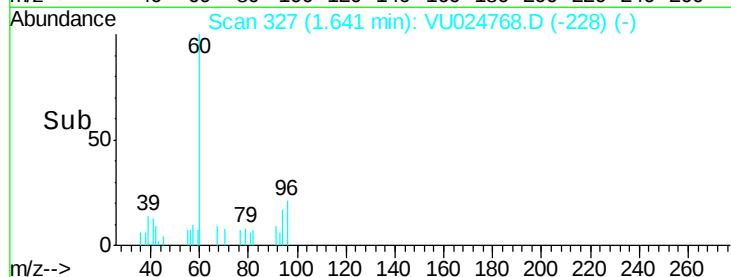
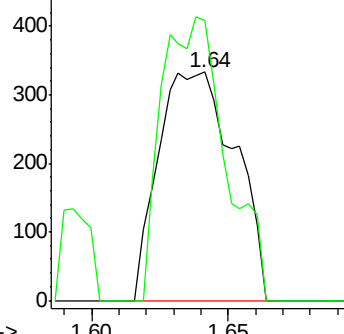
94 100

96 122.5 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU024768.D

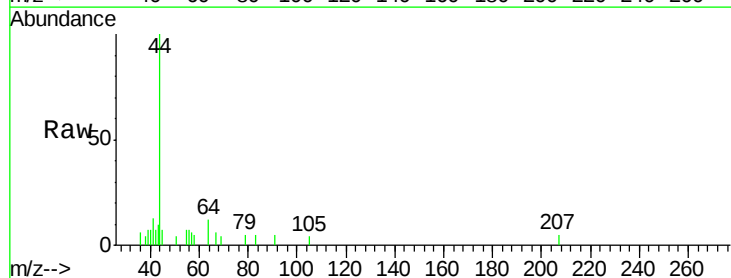
Acq: 20 Jun 2018 19:33

Tgt Ion: 64 Resp: 322

Ion Ratio Lower Upper

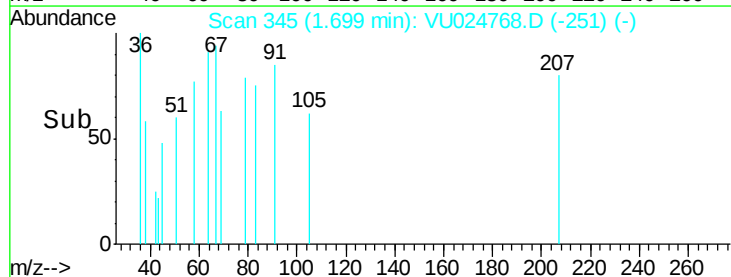
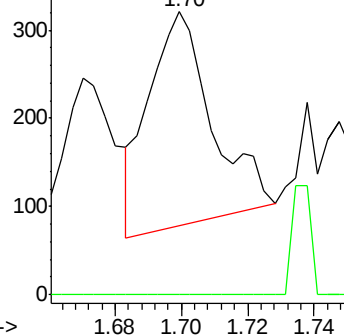
64 100

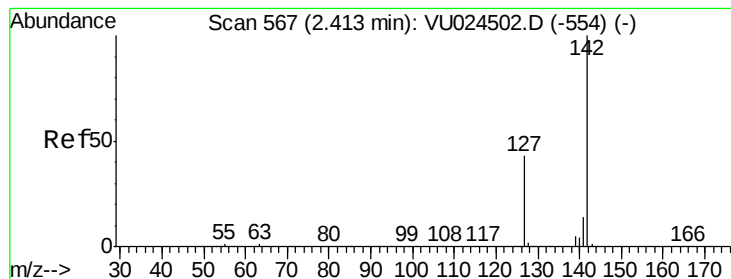
66 0.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0





#10

Methyl Iodide

Concen: 5.403 ug/l

RT: 2.42 min Scan# 568

Delta R.T. 0.00 min

Lab File: VU024768.D

Acq: 20 Jun 2018 19:33

Instrument :

MSVOA_U

ClientSampleId :

TPTW-03

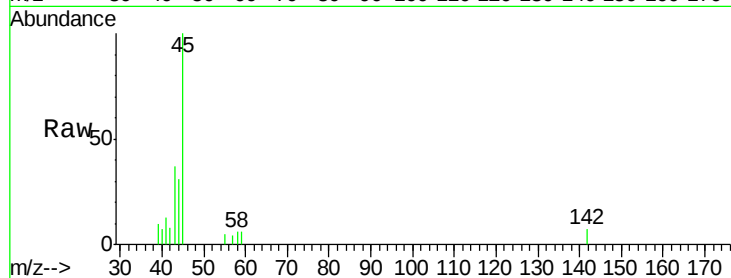
Tgt Ion:142 Resp: 258

Ion Ratio Lower Upper

142 100

127 0.0 35.6 53.4#

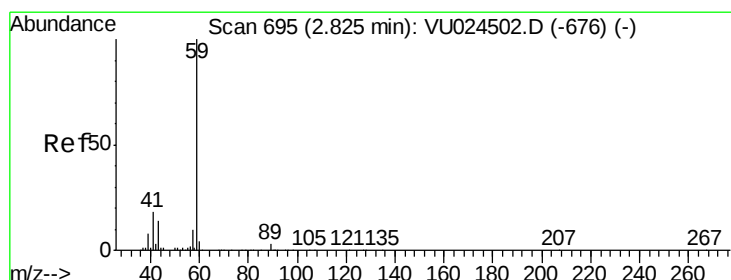
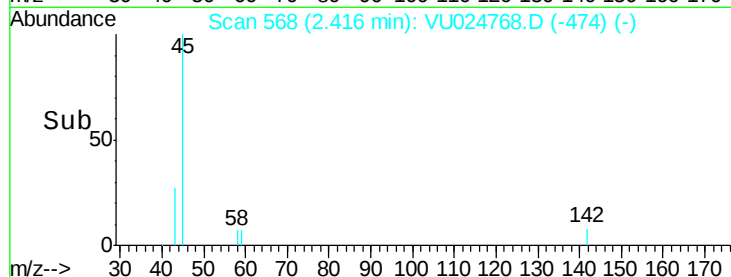
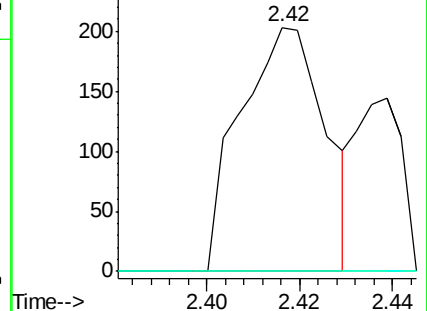
141 0.0 11.7 17.5#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#11

Tert butyl alcohol

Concen: 29.482 ug/l

RT: 2.82 min Scan# 693

Delta R.T. -0.01 min

Lab File: VU024768.D

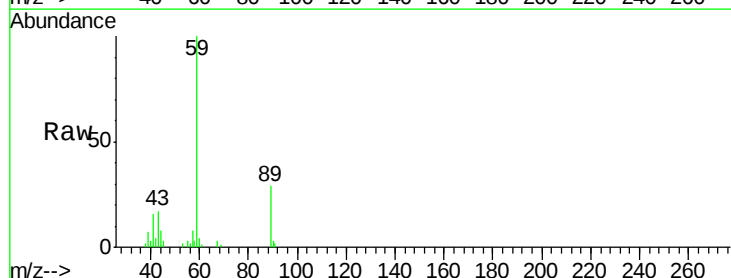
Acq: 20 Jun 2018 19:33

Tgt Ion: 59 Resp: 22309

Ion Ratio Lower Upper

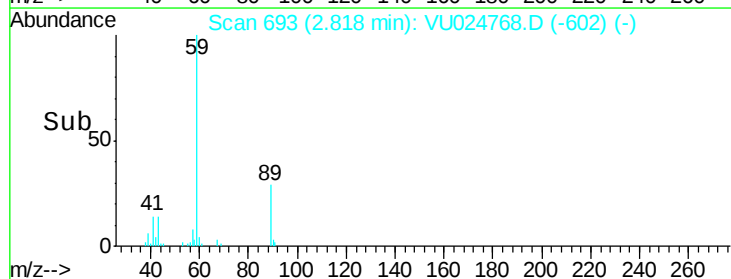
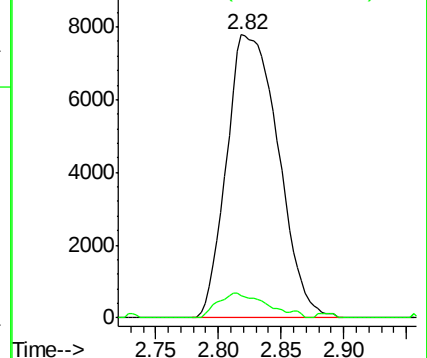
59 100

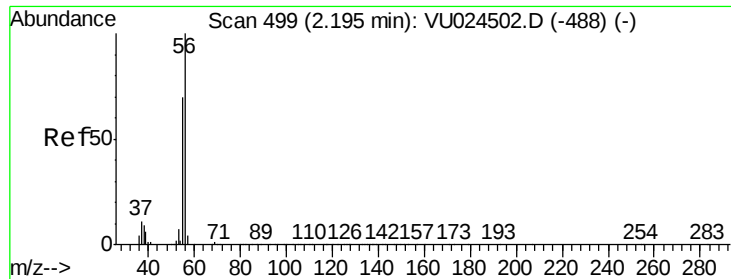
57 7.9 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

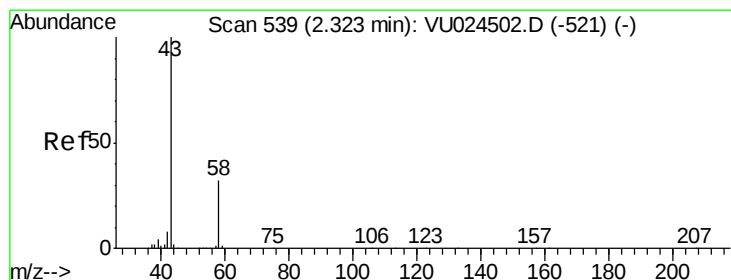
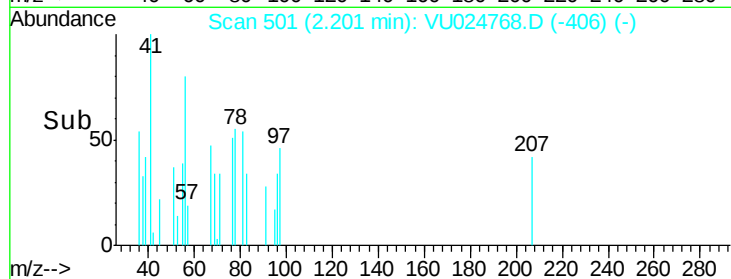
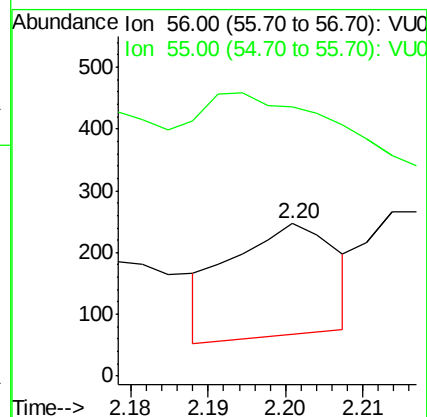
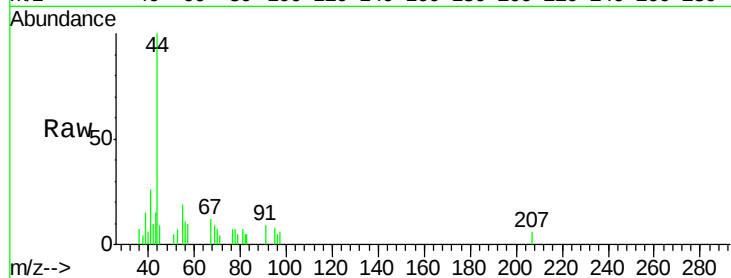




#13
Acrolein
Concen: 0.430 ug/l
RT: 2.20 min Scan# 501
Delta R.T. 0.01 min
Lab File: VU024768.D
Acq: 20 Jun 2018 19:33

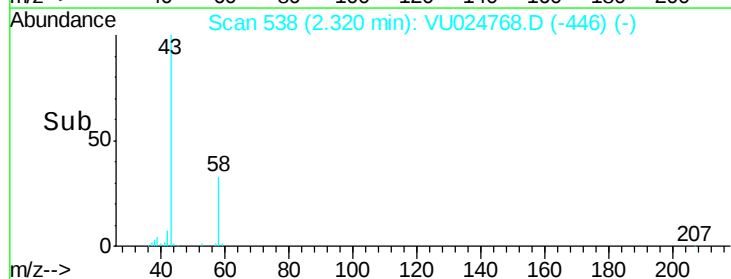
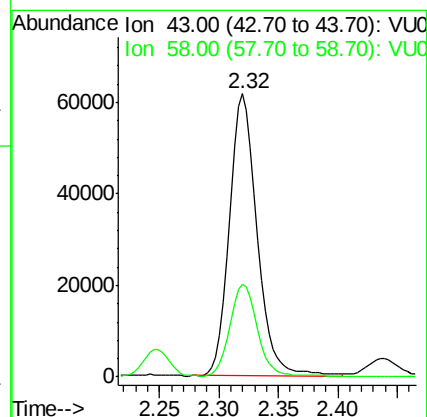
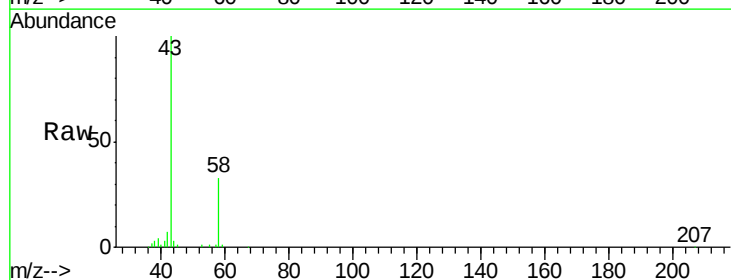
Instrument :
MSVOA_U
ClientSampleId :
TPTW-03

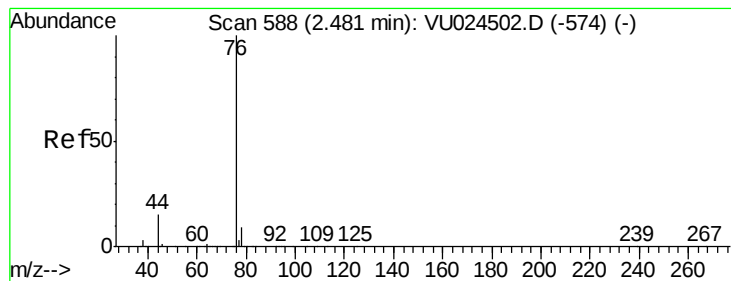
Tgt Ion: 56 Resp: 171
Ion Ratio Lower Upper
56 100
55 0.0 58.4 87.6#



#16
Acetone
Concen: 59.446 ug/l
RT: 2.32 min Scan# 538
Delta R.T. -0.00 min
Lab File: VU024768.D
Acq: 20 Jun 2018 19:33

Tgt Ion: 43 Resp: 99376
Ion Ratio Lower Upper
43 100
58 32.8 24.4 36.6





#17

Carbon Disulfide

Concen: 0.886 ug/l

RT: 2.48 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU024768.D

Acq: 20 Jun 2018 19:33

Instrument :

MSVOA_U

ClientSampleId :

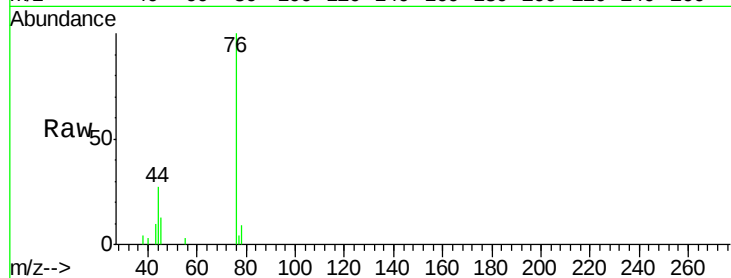
TPTW-03

Tgt Ion: 76 Resp: 6156

Ion Ratio Lower Upper

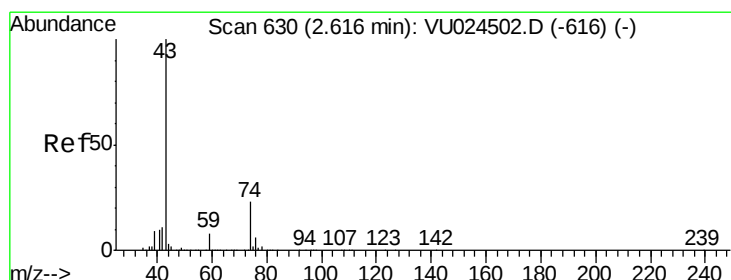
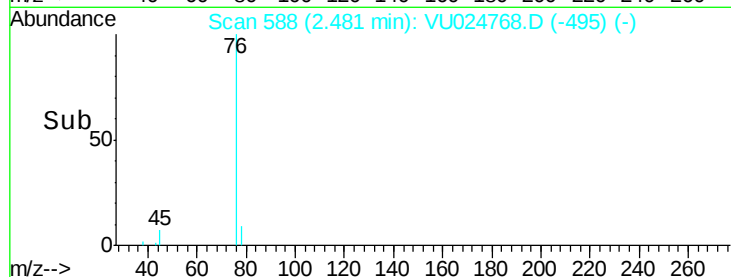
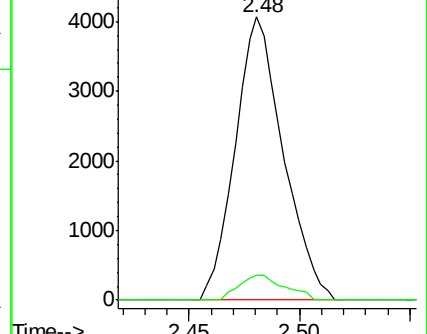
76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 2.082 ug/l

RT: 2.44 min Scan# 574

Delta R.T. -0.18 min

Lab File: VU024768.D

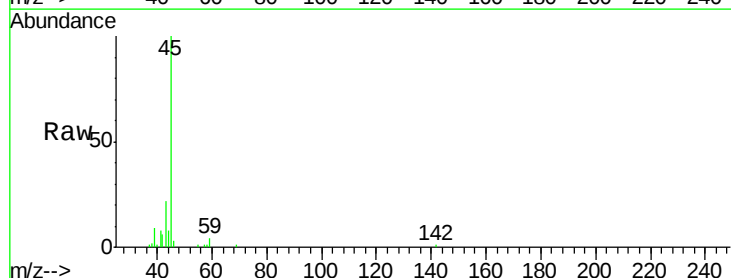
Acq: 20 Jun 2018 19:33

Tgt Ion: 43 Resp: 7462

Ion Ratio Lower Upper

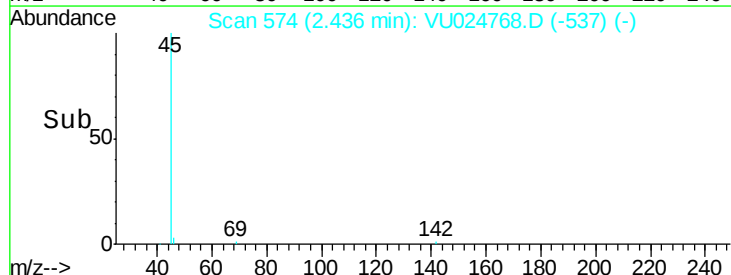
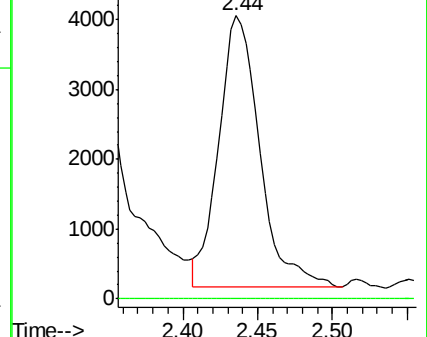
43 100

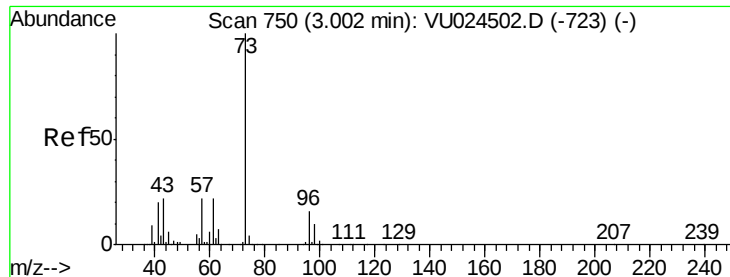
74 0.0 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



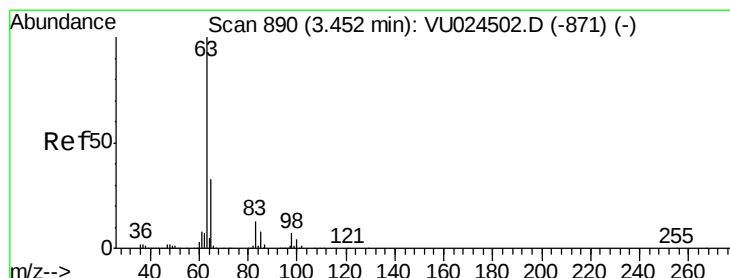
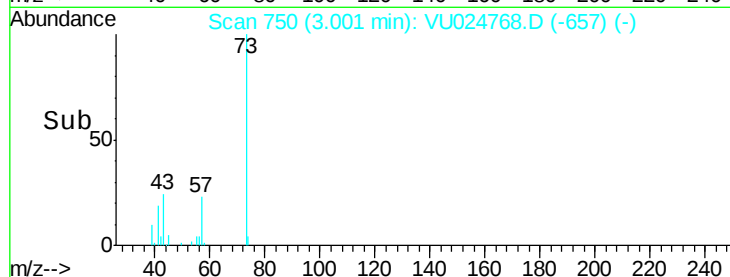
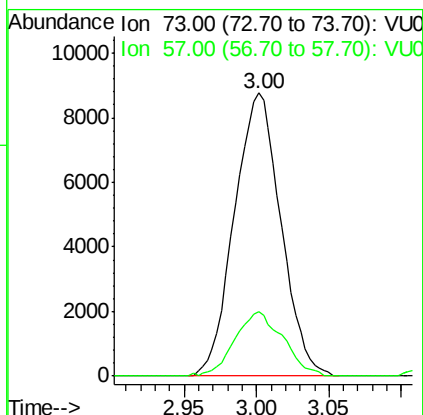
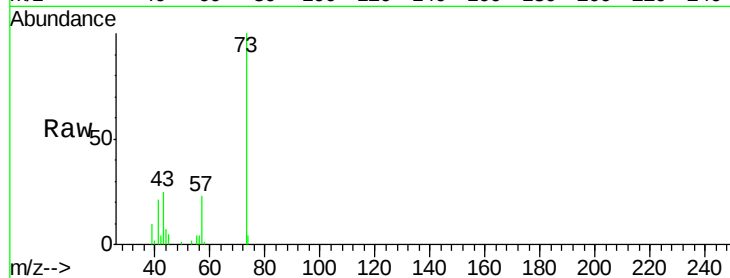


#19

Methyl tert-butyl Ether
 Concen: 2.394 ug/l
 RT: 3.00 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: VU024768.D
 Acq: 20 Jun 2018 19:33

Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-03

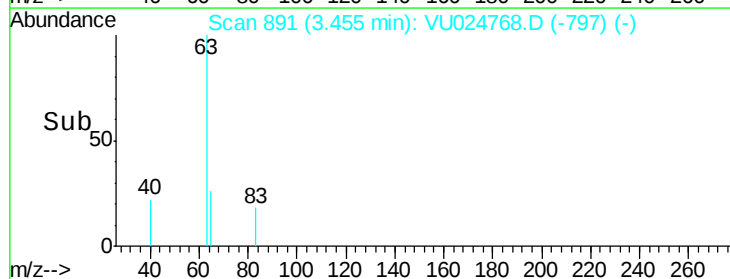
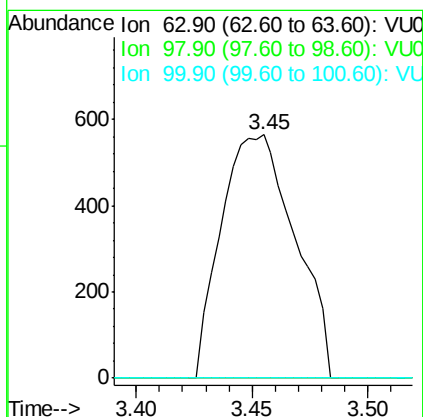
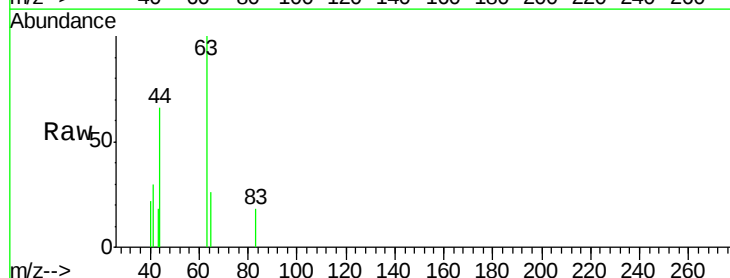
Tgt Ion: 73 Resp: 19525
 Ion Ratio Lower Upper
 73 100
 57 22.9 18.8 28.2

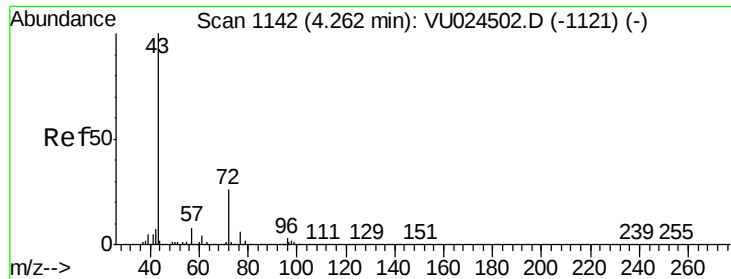


#24

1,1-Dichloroethane
 Concen: 0.272 ug/l
 RT: 3.45 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: VU024768.D
 Acq: 20 Jun 2018 19:33

Tgt Ion: 63 Resp: 1248
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 1.8 5.5#

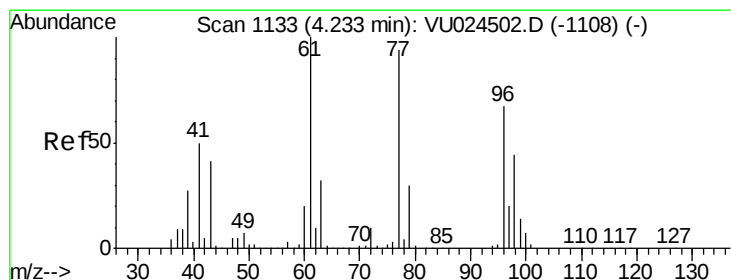
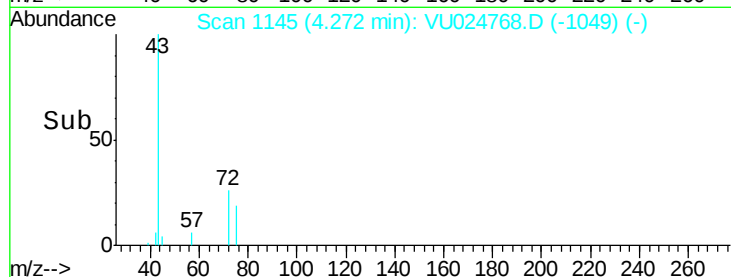
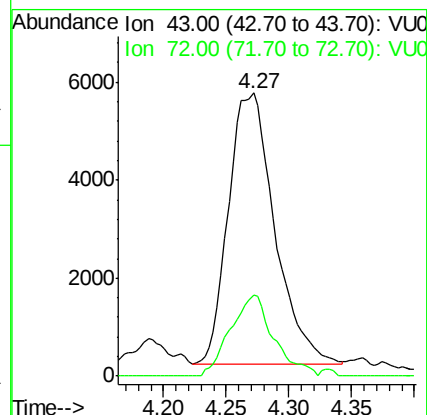
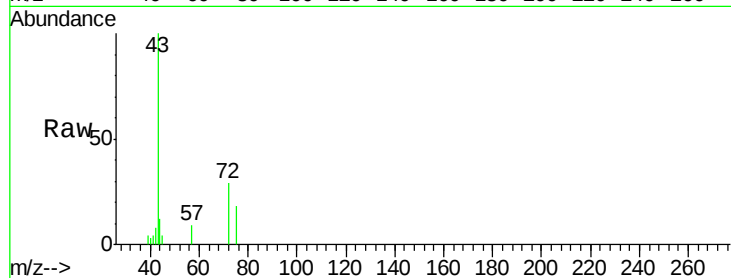




#25
 2-Butanone
 Concen: 6.309 ug/l
 RT: 4.27 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VU024768.D
 Acq: 20 Jun 2018 19:33

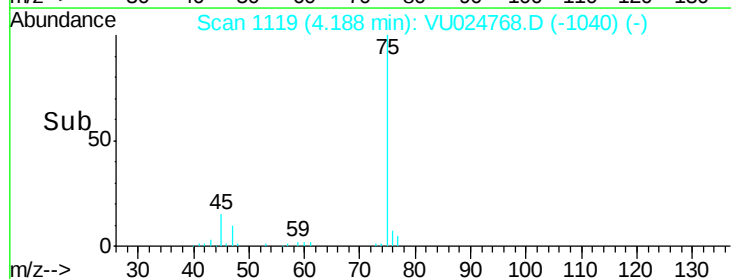
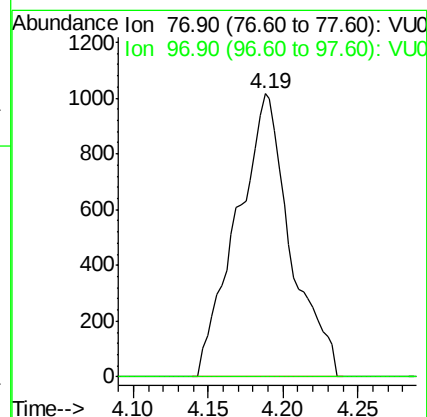
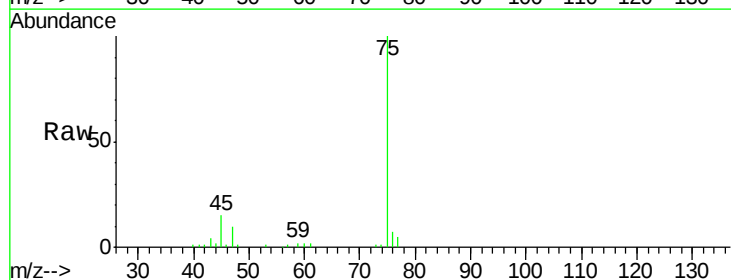
Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-03

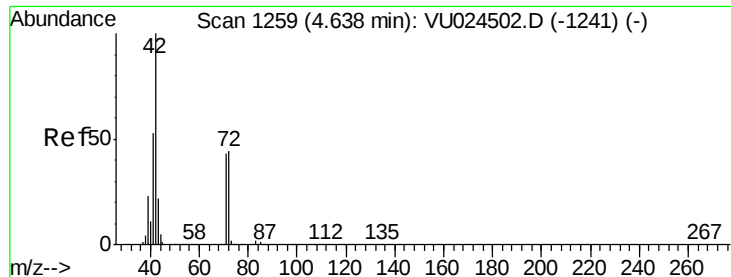
Tgt Ion: 43 Resp: 14166
 Ion Ratio Lower Upper
 43 100
 72 29.8 19.6 29.4#



#26
 2,2-Dichloropropane
 Concen: 0.583 ug/l
 RT: 4.19 min Scan# 1119
 Delta R.T. -0.05 min
 Lab File: VU024768.D
 Acq: 20 Jun 2018 19:33

Tgt Ion: 77 Resp: 2544
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.3 33.8#

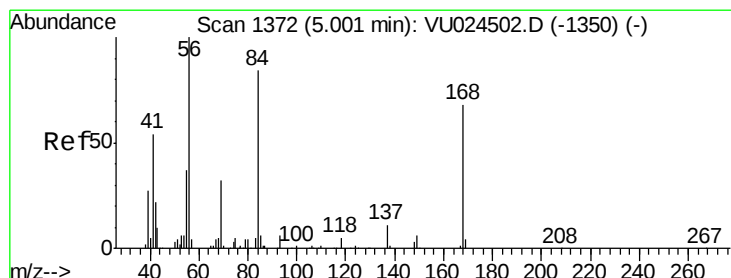
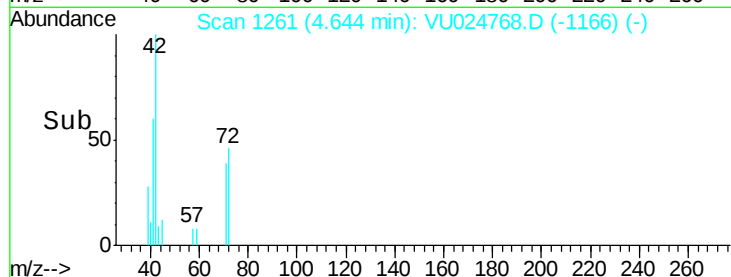
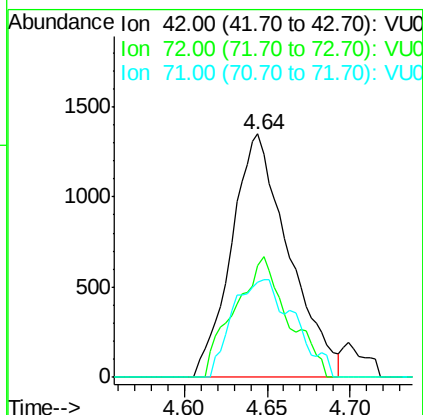
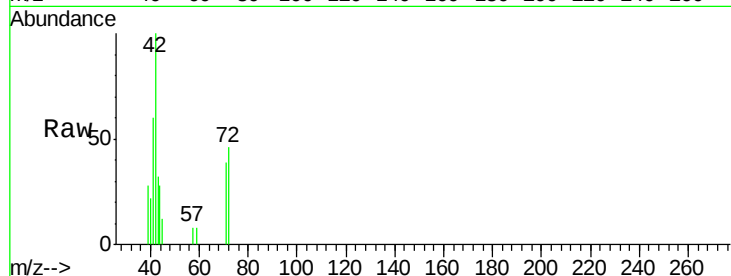




#29
Tetrahydrofuran
Concen: 2.332 ug/l
RT: 4.64 min Scan# 1261
Delta R.T. 0.01 min
Lab File: VU024768.D
Acq: 20 Jun 2018 19:33

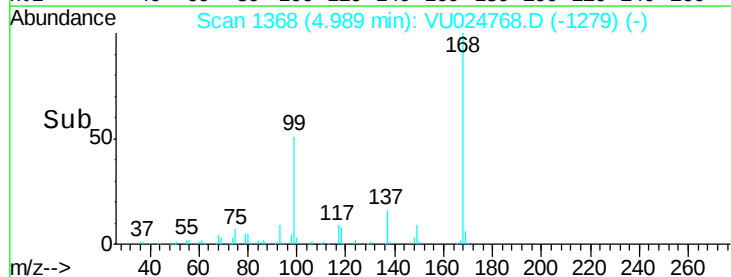
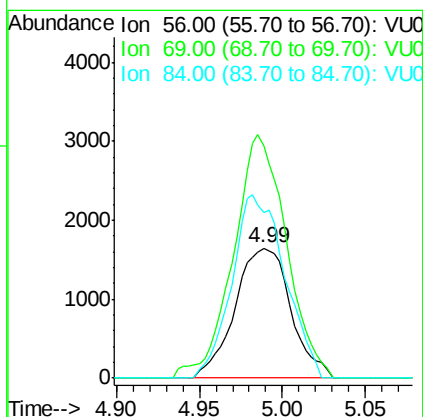
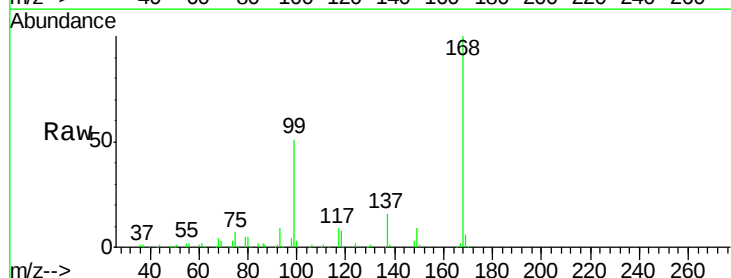
Instrument :
MSVOA_U
ClientSampleId :
TPTW-03

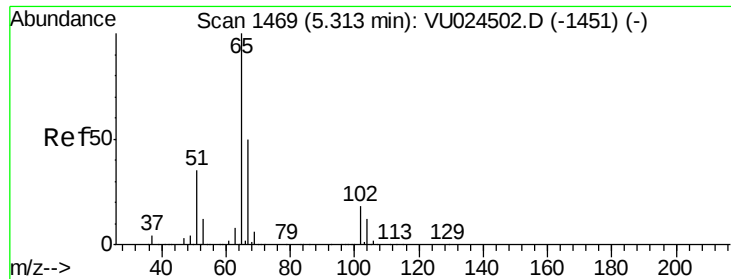
Tgt Ion: 42 Resp: 3243
Ion Ratio Lower Upper
42 100
72 46.2 34.5 51.7
71 42.9 32.2 48.4



#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VU024768.D
Acq: 20 Jun 2018 19:33

Tgt Ion: 56 Resp: 3865
Ion Ratio Lower Upper
56 100
69 179.3 24.8 37.2#
84 127.3 65.2 97.8#

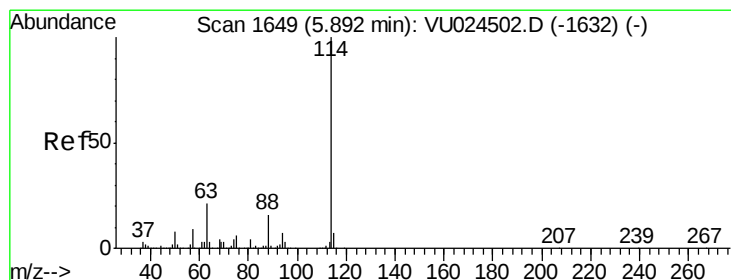
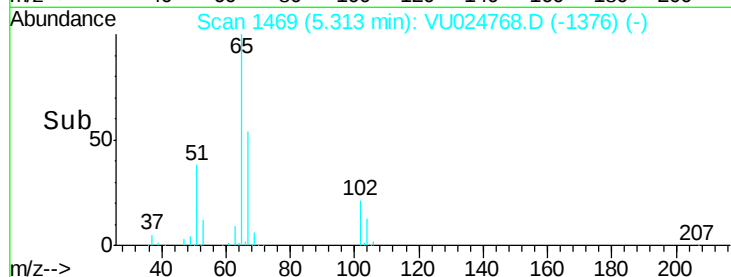
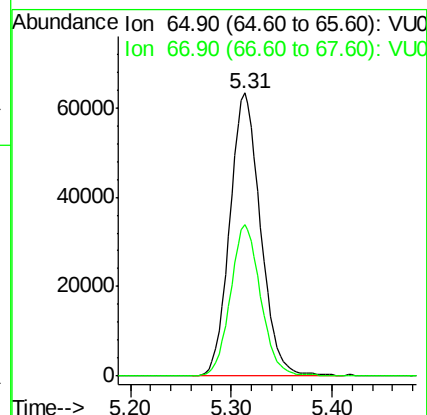
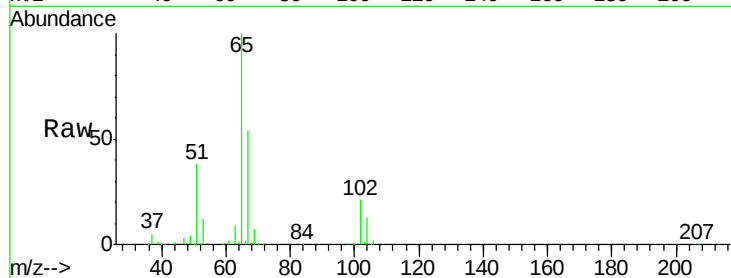




#33
 1,2-Dichloroethane-d4
 Concen: 43.237 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024768.D
 Acq: 20 Jun 2018 19:33

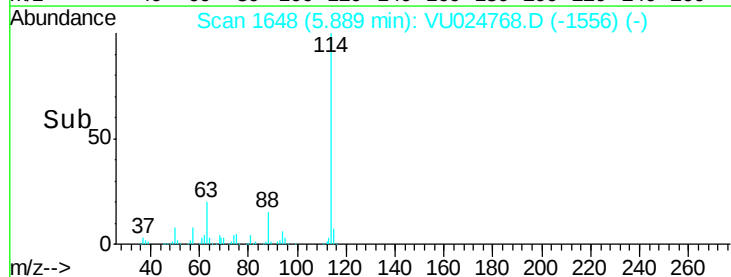
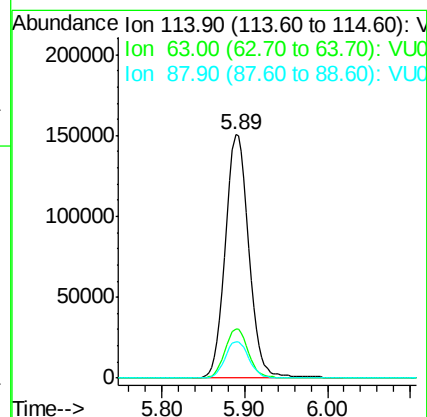
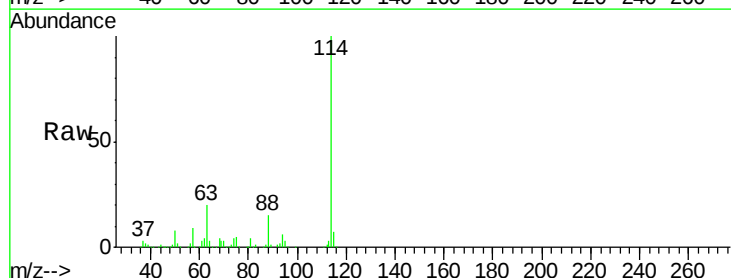
Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-03

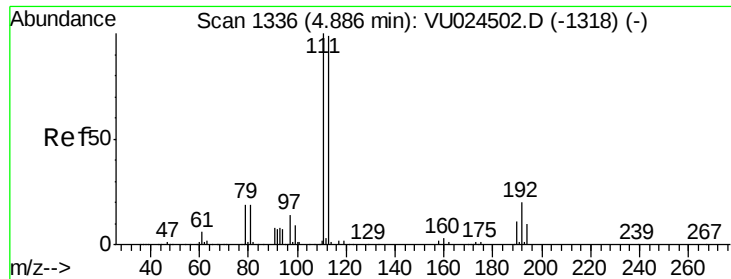
Tgt Ion: 65 Resp: 134525
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024768.D
 Acq: 20 Jun 2018 19:33

Tgt Ion: 114 Resp: 296551
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 45.4
 88 14.9 0.0 31.0





#35

Dibromofluoromethane

Concen: 46.787 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU024768.D

Acq: 20 Jun 2018 19:33

Instrument :

MSVOA_U

ClientSampleId :

TPTW-03

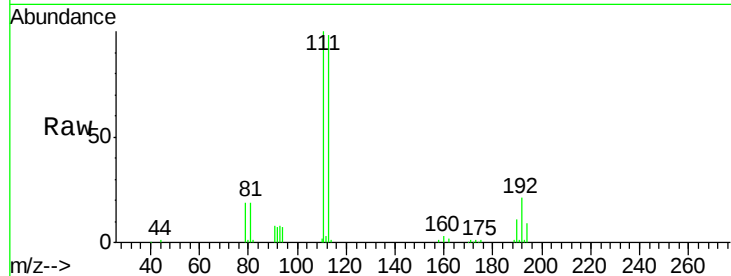
Tgt Ion:113 Resp: 115149

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

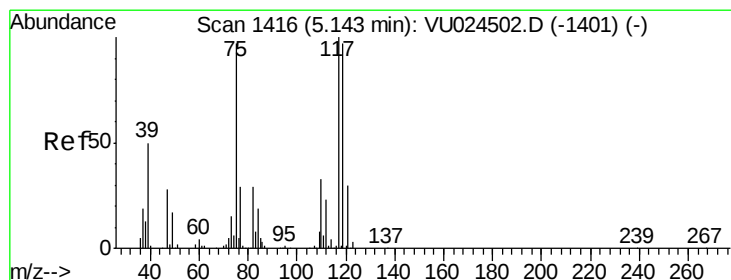
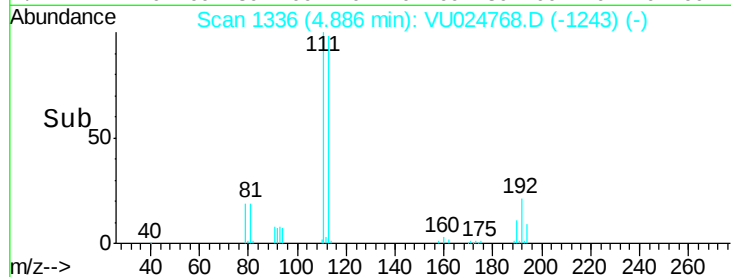
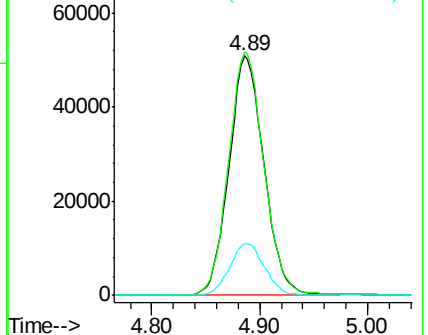
192 21.5 16.2 24.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.107 ug/l

RT: 4.99 min Scan# 1369

Delta R.T. -0.15 min

Lab File: VU024768.D

Acq: 20 Jun 2018 19:33

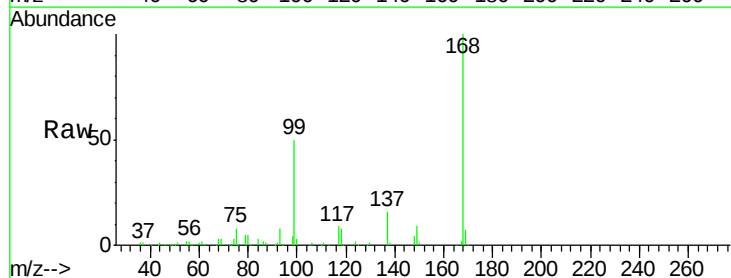
Tgt Ion: 75 Resp: 14310

Ion Ratio Lower Upper

75 100

110 4.4 17.0 50.9#

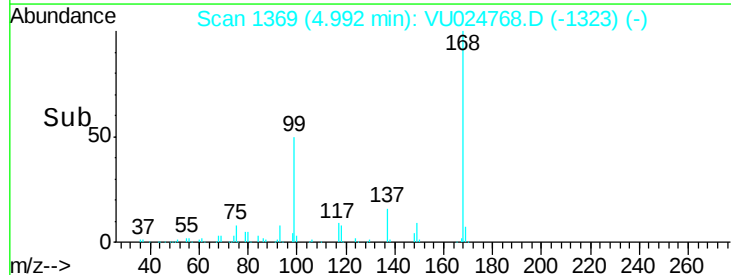
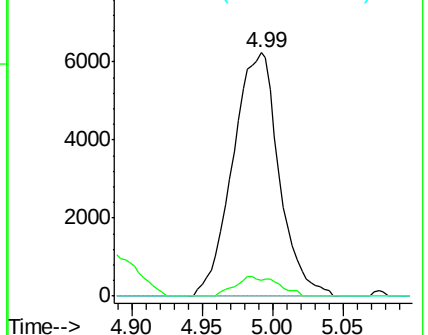
77 0.0 24.2 36.4#

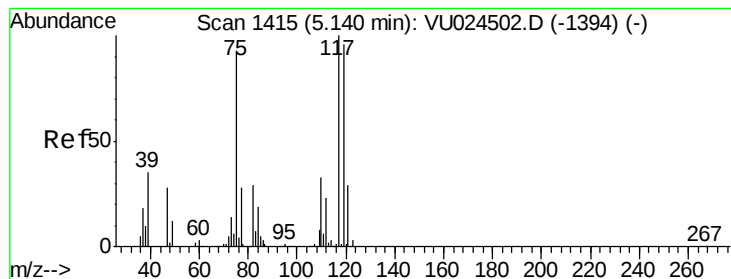


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#38

Carbon Tetrachloride

Concen: 4.640 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU024768.D

Acq: 20 Jun 2018 19:33

Instrument :

MSVOA_U

ClientSampleId :

TPTW-03

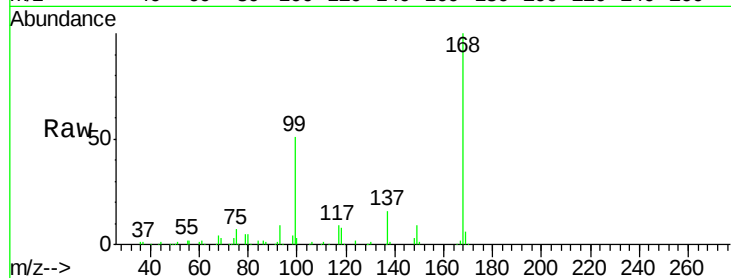
Tgt Ion:117 Resp: 17779

Ion Ratio Lower Upper

117 100

119 4.8 76.1 114.1#

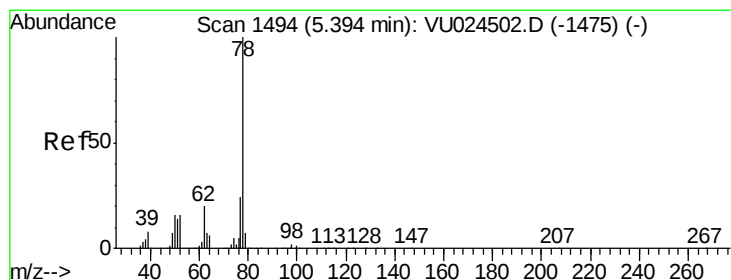
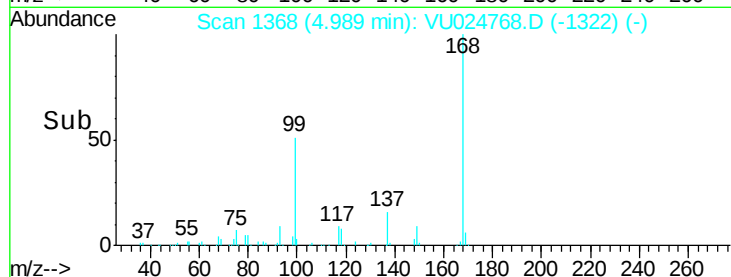
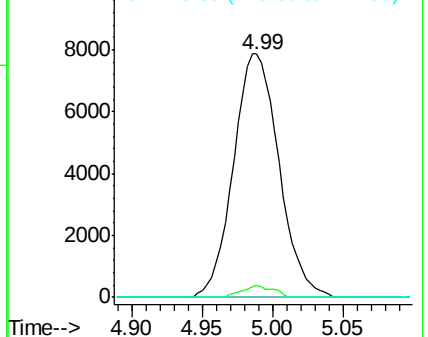
121 0.0 23.7 35.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Benzene

Concen: 4.336 ug/l

RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

Lab File: VU024768.D

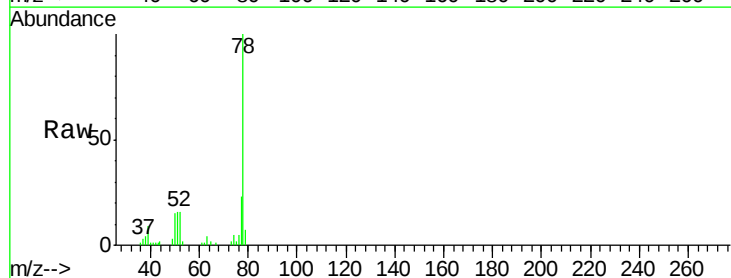
Acq: 20 Jun 2018 19:33

Tgt Ion: 78 Resp: 43054

Ion Ratio Lower Upper

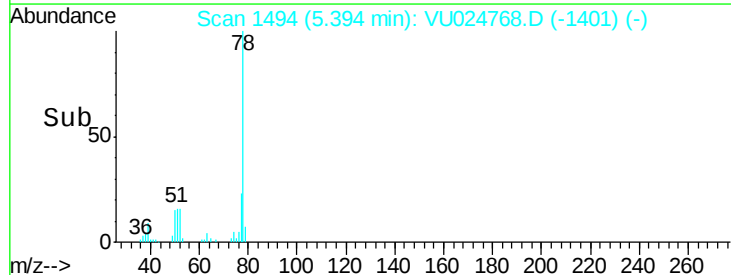
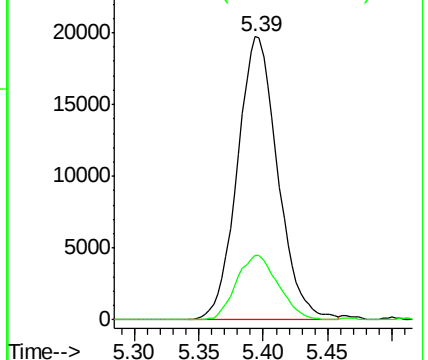
78 100

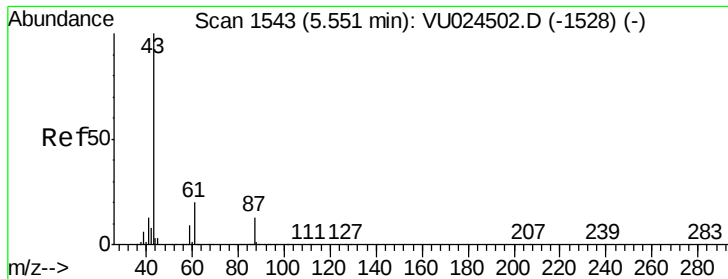
77 22.8 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#43

Isopropyl Acetate

Concen: 0.637 ug/l

RT: 5.59 min Scan# 1554

Delta R.T. 0.04 min

Lab File: VU024768.D

Acq: 20 Jun 2018 19:33

Instrument :

MSVOA_U

ClientSampleId :

TPTW-03

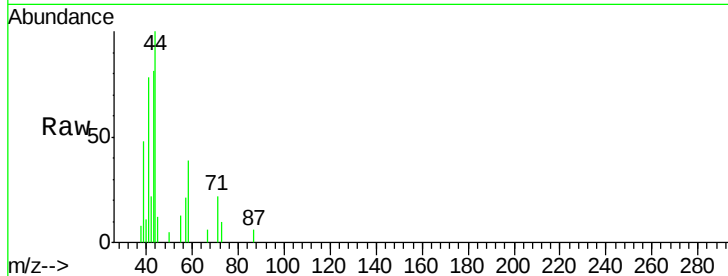
Tgt Ion: 43 Resp: 4182

Ion Ratio Lower Upper

43 100

61 0.0 15.4 23.0#

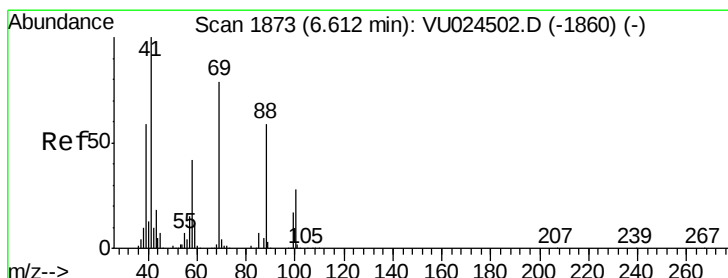
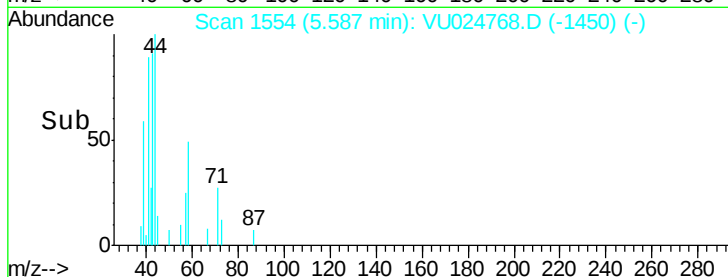
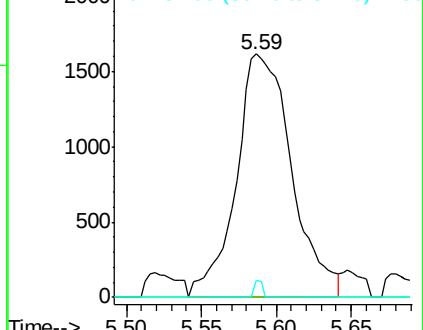
87 1.0 10.0 15.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#49

1,4-Dioxane

Concen: 1.376 ug/l

RT: 6.62 min Scan# 1874

Delta R.T. 0.00 min

Lab File: VU024768.D

Acq: 20 Jun 2018 19:33

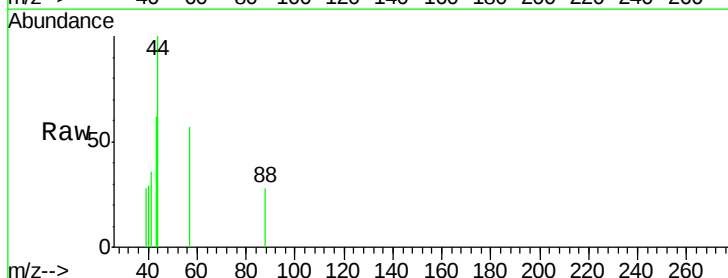
Tgt Ion: 88 Resp: 86

Ion Ratio Lower Upper

88 100

43 0.0 28.6 42.8#

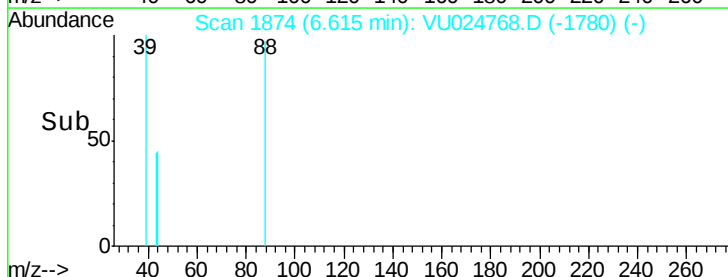
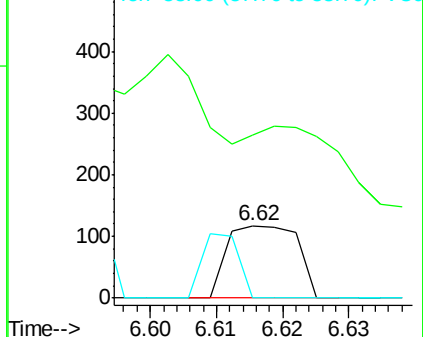
58 0.0 58.2 87.4#

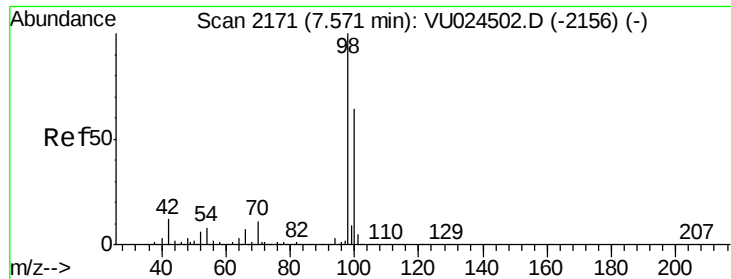


Abundance Ion 88.00 (87.70 to 88.70): VU0

Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#50

Toluene-d8

Concen: 48.331 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024768.D

Acq: 20 Jun 2018 19:33

Instrument :

MSVOA_U

ClientSampleId :

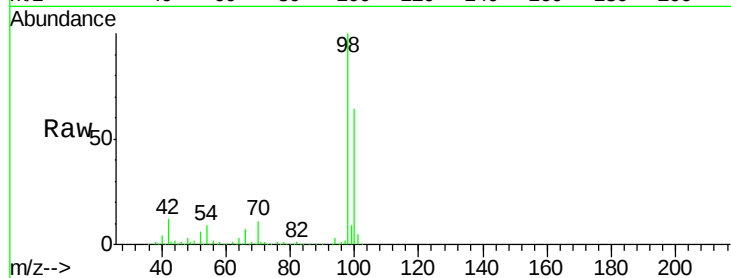
TPTW-03

Tgt Ion: 98 Resp: 433879

Ion Ratio Lower Upper

98 100

100 63.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU024768.D (-2078) (-)

Ion 100.00 (99.70 to 100.70): VU024768.D (-2078) (-)

7.57

250000

200000

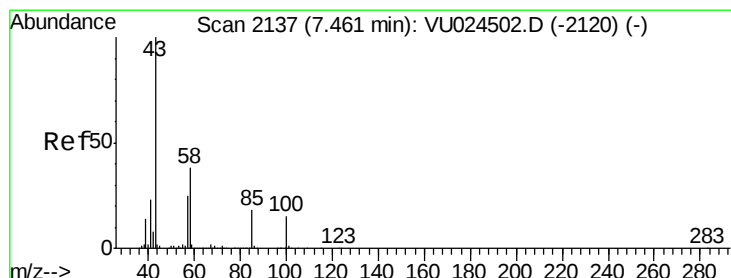
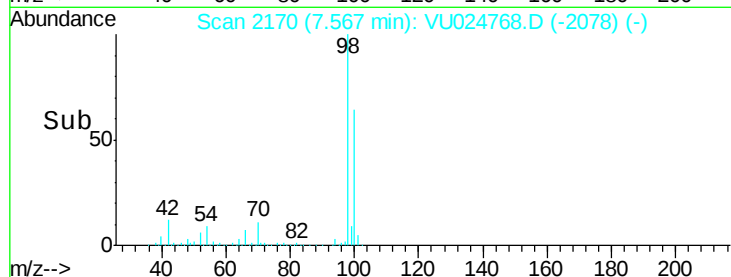
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.955 ug/l

RT: 7.46 min Scan# 2138

Delta R.T. 0.00 min

Lab File: VU024768.D

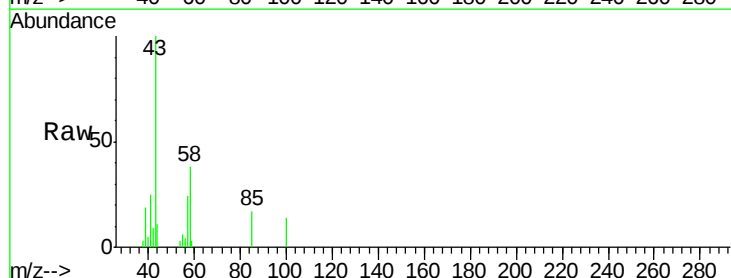
Acq: 20 Jun 2018 19:33

Tgt Ion: 43 Resp: 8063

Ion Ratio Lower Upper

43 100

58 34.4 30.0 45.0



Abundance Ion 43.00 (42.70 to 43.70): VU024768.D (-2044) (-)

Ion 58.00 (57.70 to 58.70): VU024768.D (-2044) (-)

7.46

5000

4000

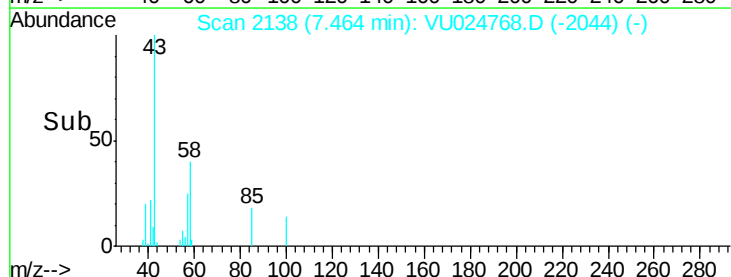
3000

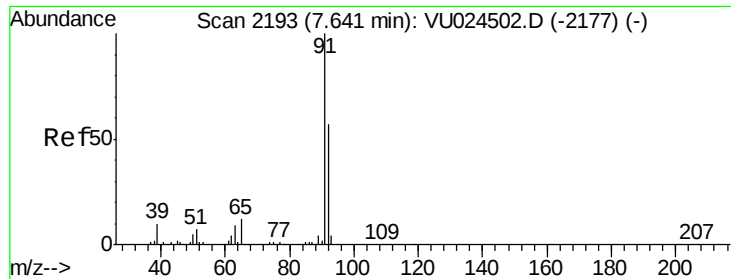
2000

1000

0

Time-->





#52

Toluene

Concen: 0.946 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU024768.D

Acq: 20 Jun 2018 19:33

Instrument :

MSVOA_U

ClientSampleId :

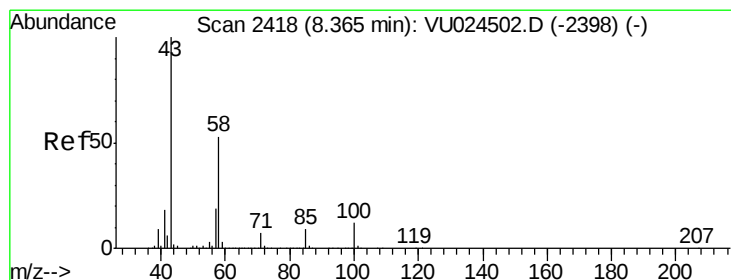
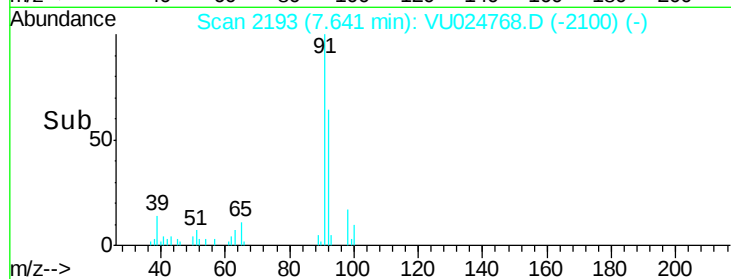
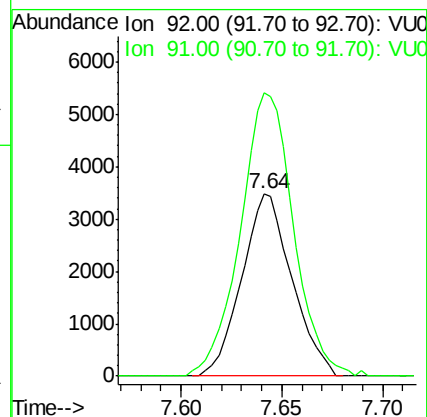
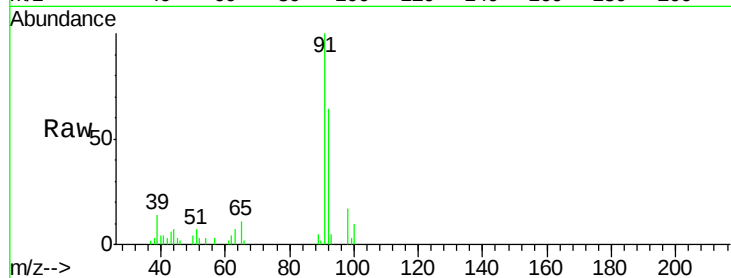
TPTW-03

Tgt Ion: 92 Resp: 6042

Ion Ratio Lower Upper

92 100

91 164.9 140.5 210.7



#59

2-Hexanone

Concen: 0.464 ug/l

RT: 8.37 min Scan# 2420

Delta R.T. 0.01 min

Lab File: VU024768.D

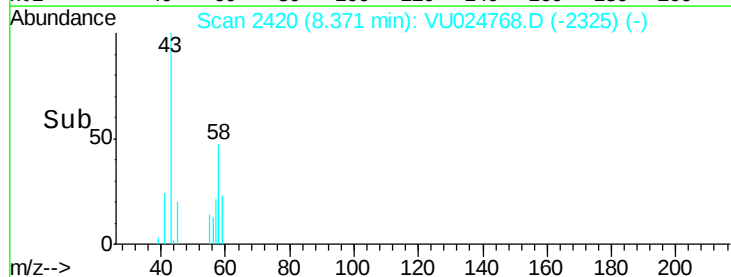
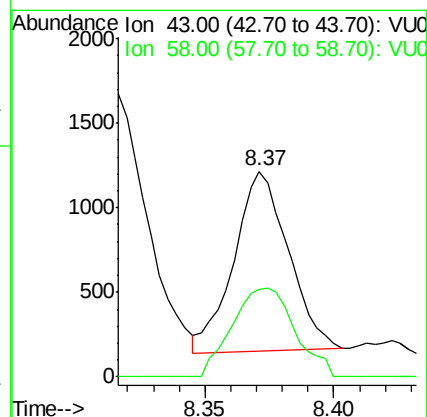
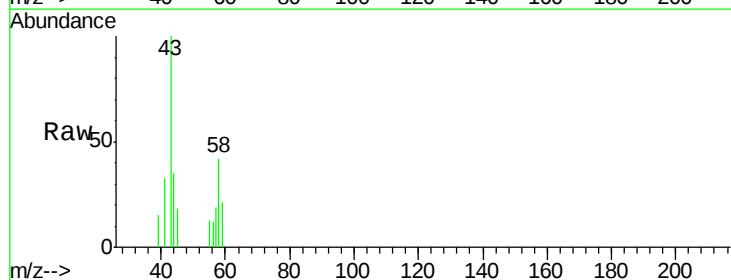
Acq: 20 Jun 2018 19:33

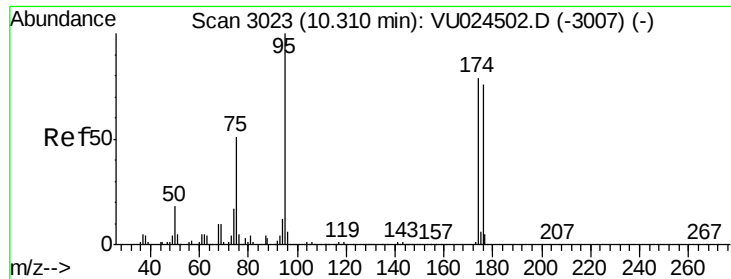
Tgt Ion: 43 Resp: 1563

Ion Ratio Lower Upper

43 100

58 56.7 26.4 79.0





#62

4-Bromofluorobenzene

Concen: 43.960 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024768.D

Acq: 20 Jun 2018 19:33

Instrument :

MSVOA_U

ClientSampleId :

TPTW-03

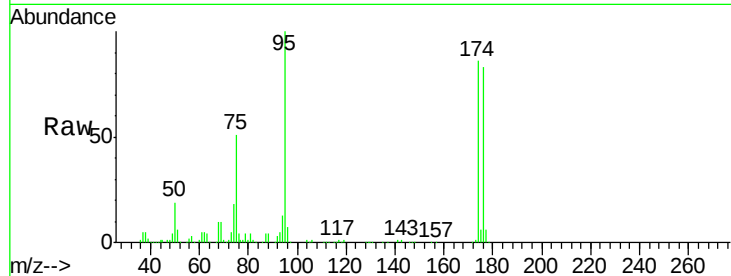
Tgt Ion: 95 Resp: 156687

Ion Ratio Lower Upper

95 100

174 86.6 0.0 165.8

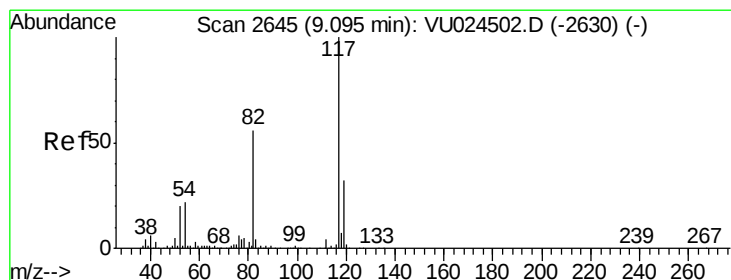
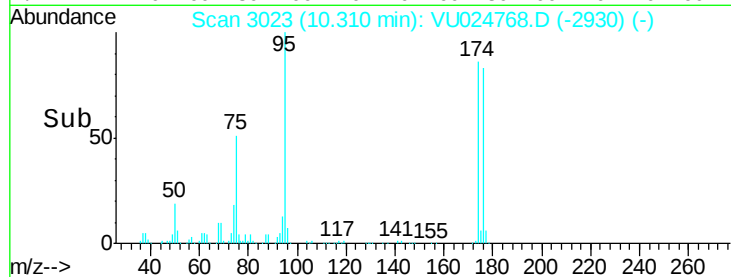
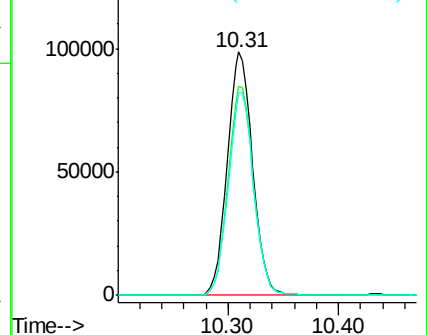
176 83.6 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU024768.D (-2930) (-)

Ion 173.80 (173.50 to 174.50): VU024768.D (-2930) (-)

Ion 175.80 (175.50 to 176.50): VU024768.D (-2930) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VU024768.D

Acq: 20 Jun 2018 19:33

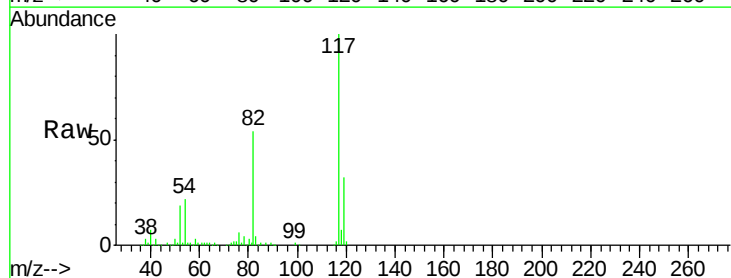
Tgt Ion: 117 Resp: 276418

Ion Ratio Lower Upper

117 100

82 53.7 44.3 66.5

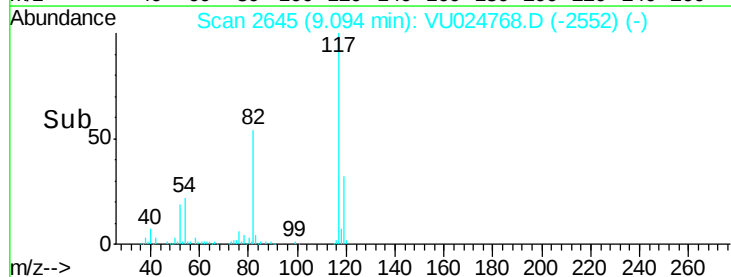
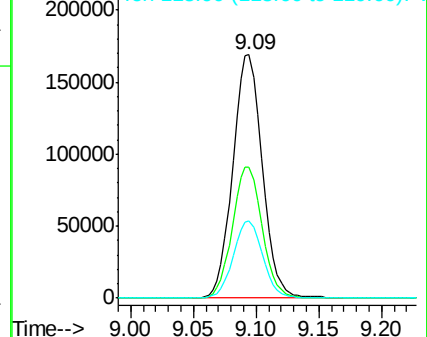
119 31.5 25.4 38.2

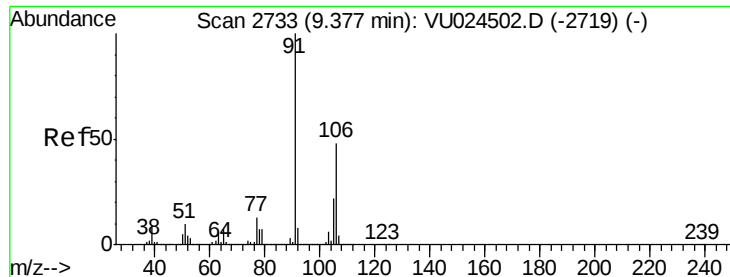


Abundance Ion 116.90 (116.60 to 117.60): VU024768.D (-2552) (-)

Ion 82.00 (81.70 to 82.70): VU024768.D (-2552) (-)

Ion 118.90 (118.60 to 119.60): VU024768.D (-2552) (-)

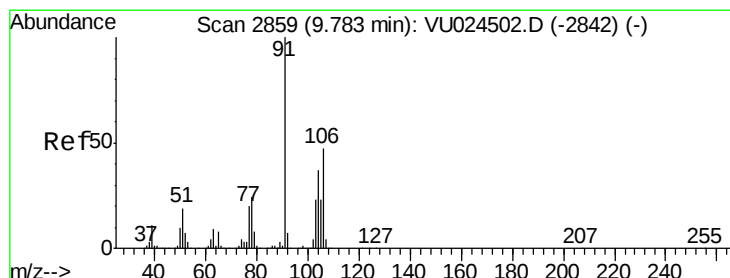
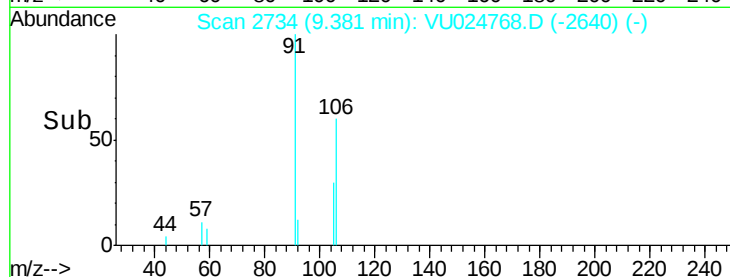
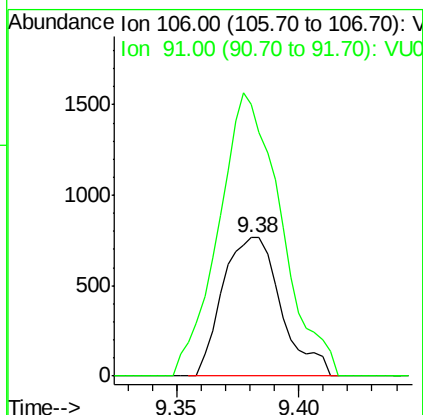
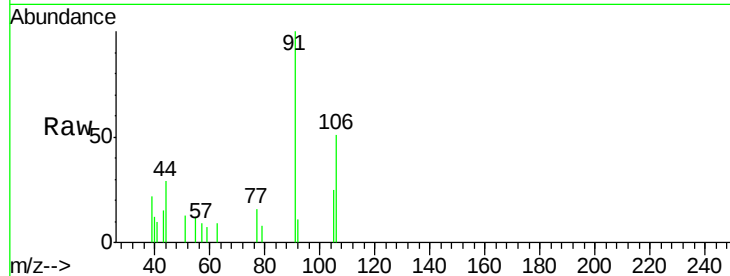




#68
m/p-Xylenes
Concen: 0.268 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU024768.D
Acq: 20 Jun 2018 19:33

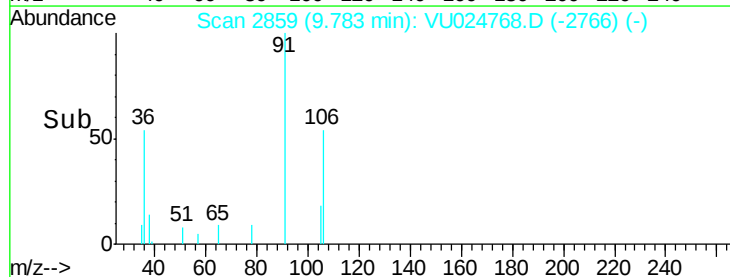
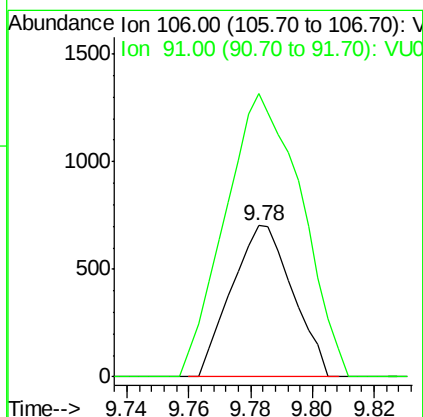
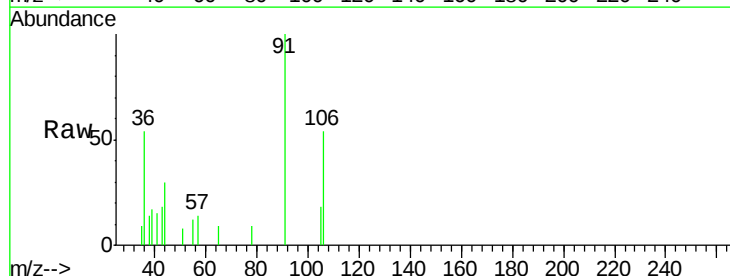
Instrument :
MSVOA_U
ClientSampleId :
TPTW-03

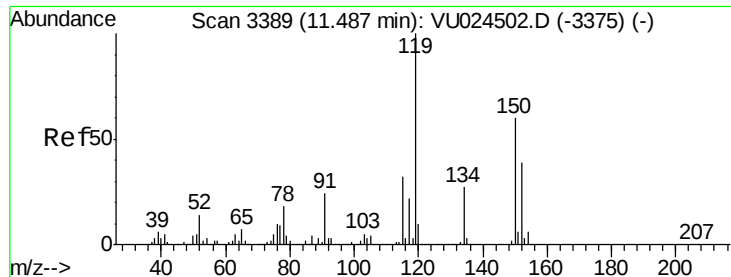
Tgt Ion:106 Resp: 1273
Ion Ratio Lower Upper
106 100
91 218.8 166.5 249.7



#69
o-Xylene
Concen: 0.205 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024768.D
Acq: 20 Jun 2018 19:33

Tgt Ion:106 Resp: 966
Ion Ratio Lower Upper
106 100
91 233.0 110.7 331.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024768.D

Acq: 20 Jun 2018 19:33

Instrument :

MSVOA_U

ClientSampleId :

TPTW-03

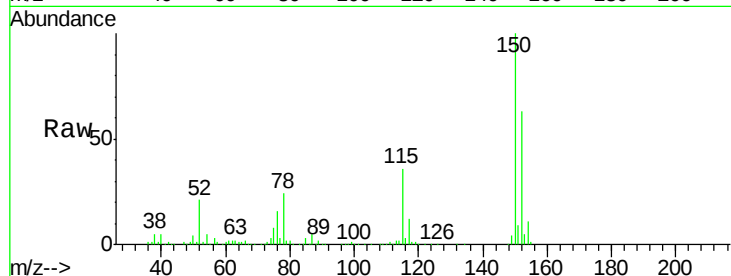
Tgt Ion:152 Resp: 150810

Ion Ratio Lower Upper

152 100

115 56.8 43.0 129.0

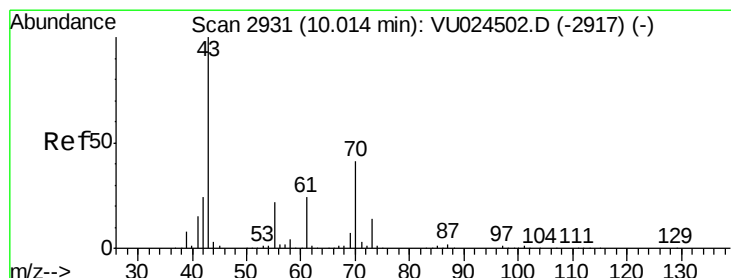
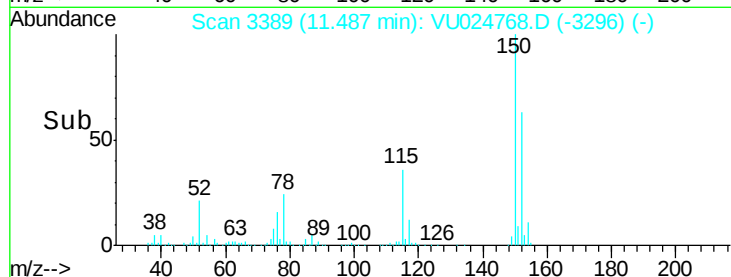
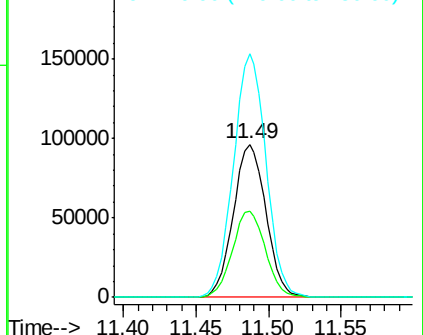
150 158.7 0.0 354.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 0.686 ug/l

RT: 10.03 min Scan# 2936

Delta R.T. 0.02 min

Lab File: VU024768.D

Acq: 20 Jun 2018 19:33

Tgt Ion: 43 Resp: 3777

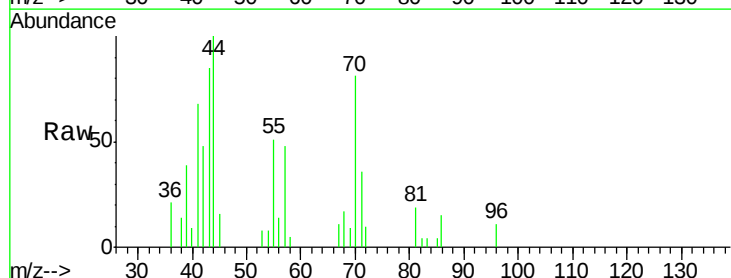
Ion Ratio Lower Upper

43 100

70 97.6 32.2 48.4#

55 67.0 20.5 30.7#

61 0.0 18.7 28.1#

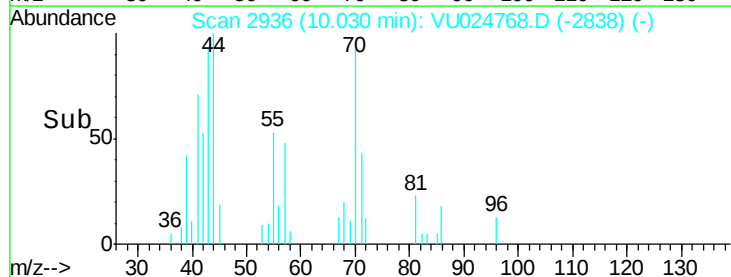
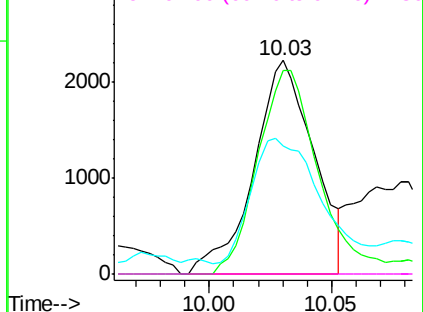


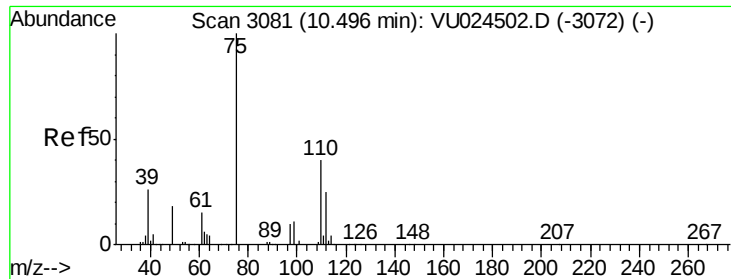
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

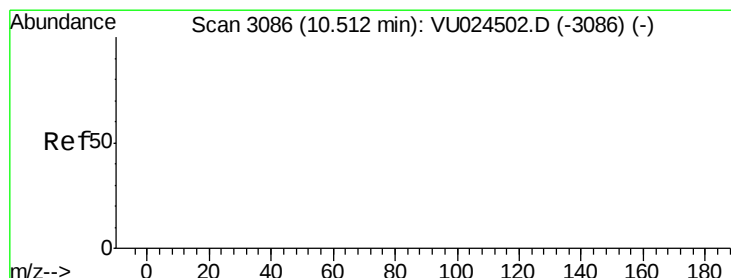
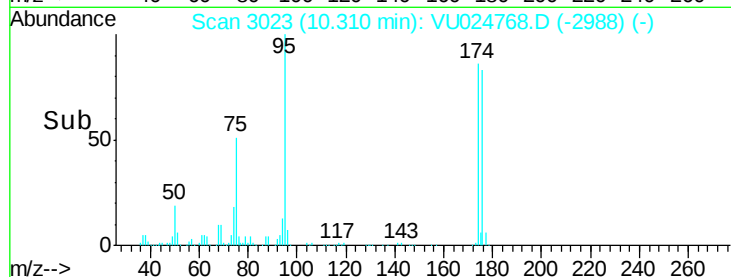
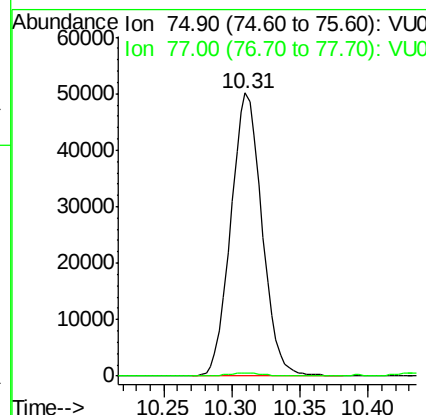
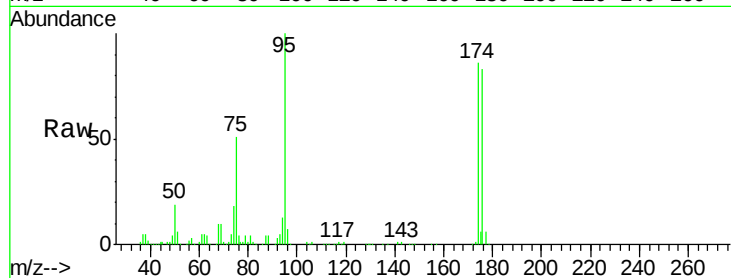




#76
 1,2,3-Trichloropropane
 Concen: 23.981 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.19 min
 Lab File: VU024768.D
 Acq: 20 Jun 2018 19:33

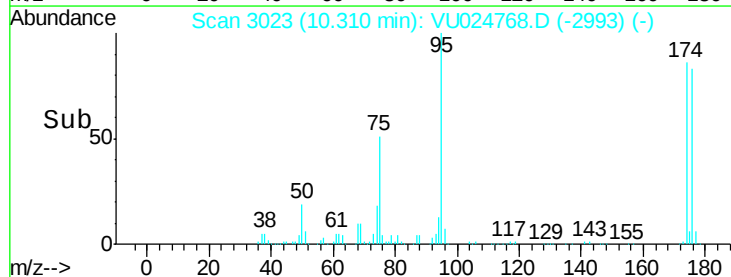
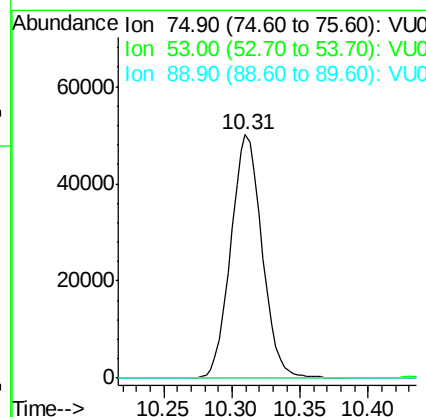
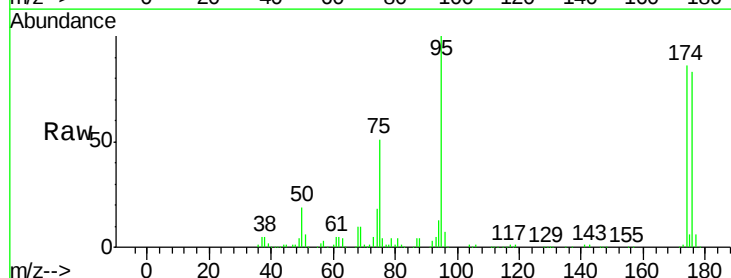
Instrument :
 MSVOA_U
 ClientSampled :
 TPTW-03

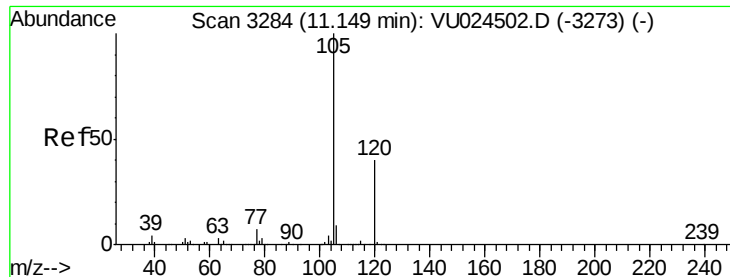
Tgt Ion: 75 Resp: 79624
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.9 62.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.502 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.20 min
 Lab File: VU024768.D
 Acq: 20 Jun 2018 19:33

Tgt Ion: 75 Resp: 79624
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

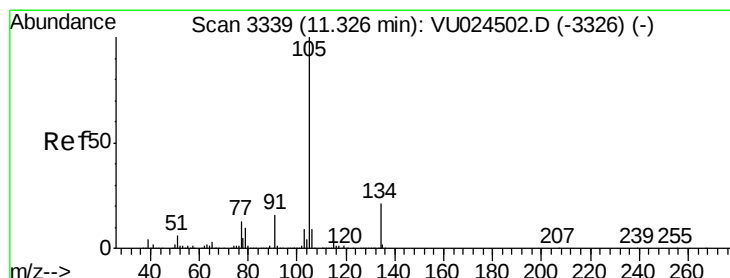
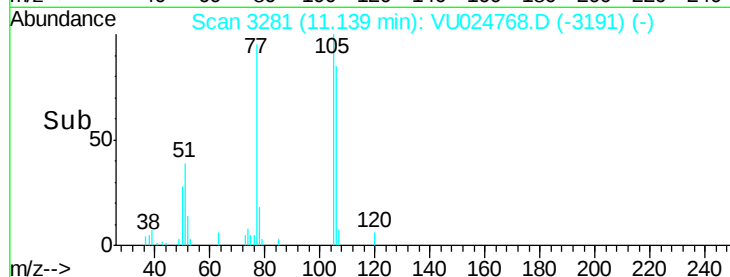
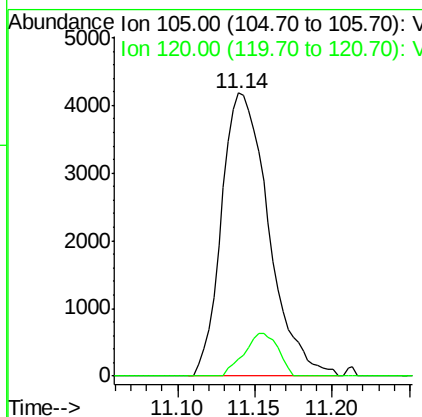
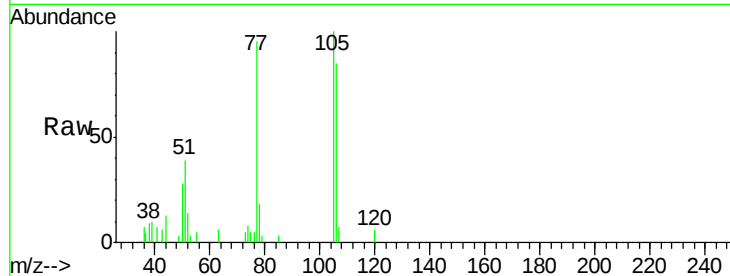




#84
 1,2,4-Trimethylbenzene
 Concen: 0.866 ug/l
 RT: 11.14 min Scan# 3281
 Delta R.T. -0.01 min
 Lab File: VU024768.D
 Acq: 20 Jun 2018 19:33

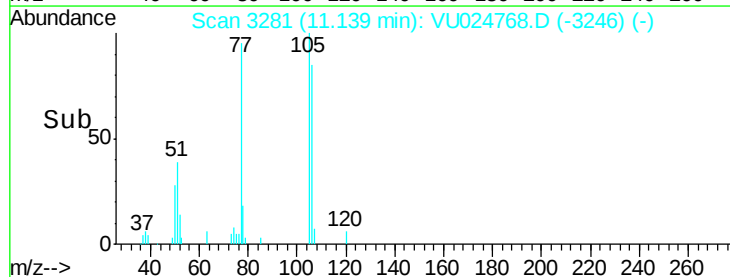
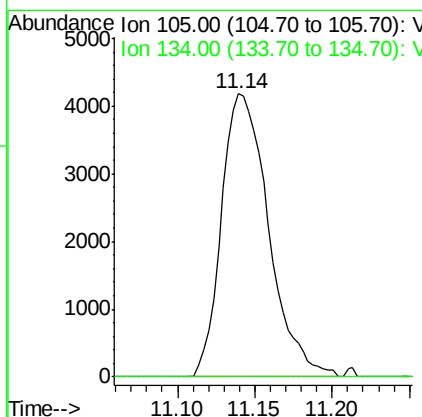
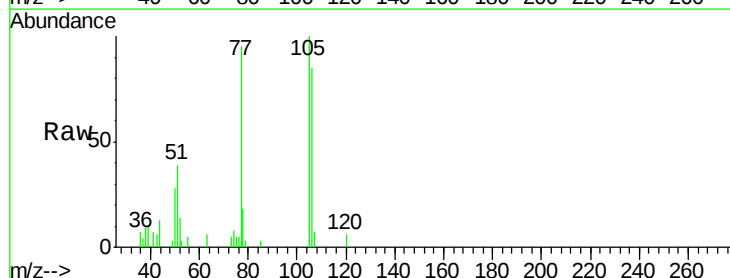
Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-03

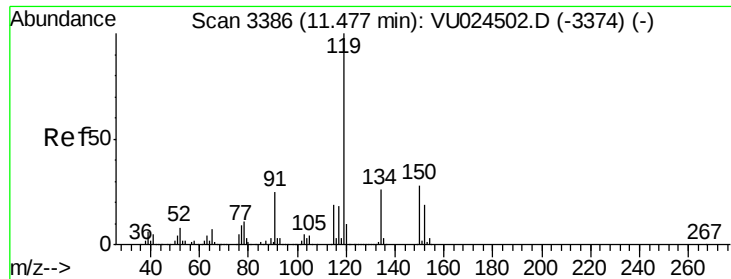
Tgt Ion:105 Resp: 8852
 Ion Ratio Lower Upper
 105 100
 120 11.0 22.6 67.8#



#85
 sec-Butylbenzene
 Concen: 0.733 ug/l
 RT: 11.14 min Scan# 3281
 Delta R.T. -0.19 min
 Lab File: VU024768.D
 Acq: 20 Jun 2018 19:33

Tgt Ion:105 Resp: 8852
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 29.1#

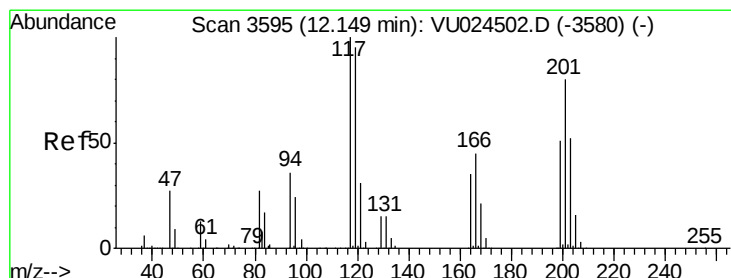
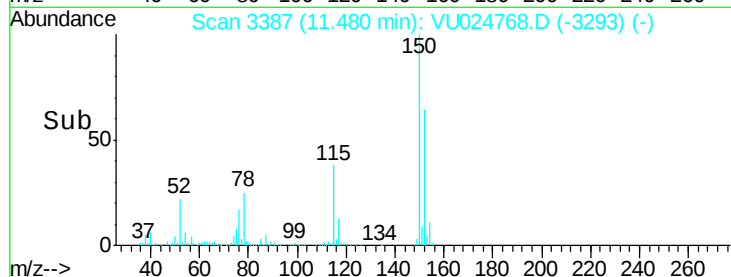
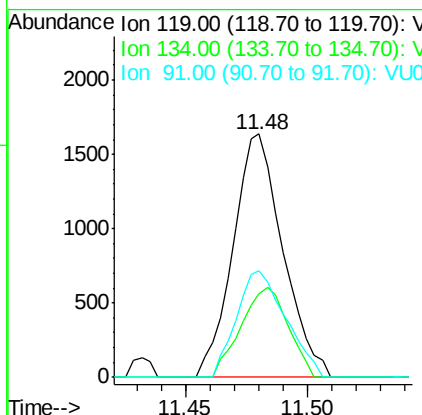
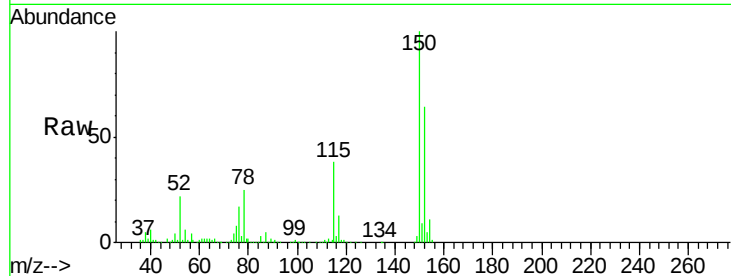




#86
p-Isopropyltoluene
Concen: 0.214 ug/l
RT: 11.48 min Scan# 3387
Delta R.T. 0.00 min
Lab File: VU024768.D
Acq: 20 Jun 2018 19:33

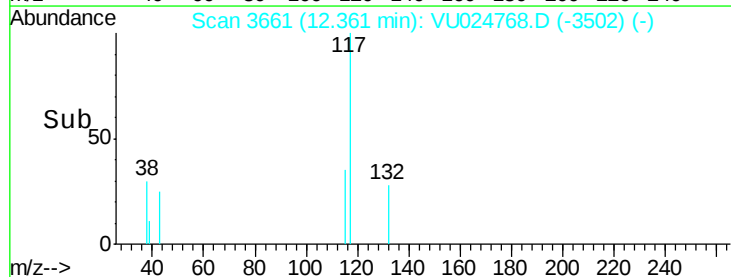
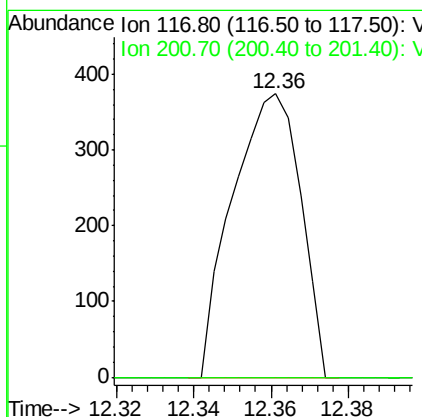
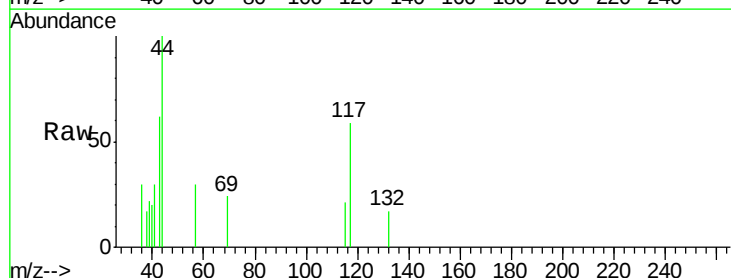
Instrument :
MSVOA_U
ClientSampleId :
TPTW-03

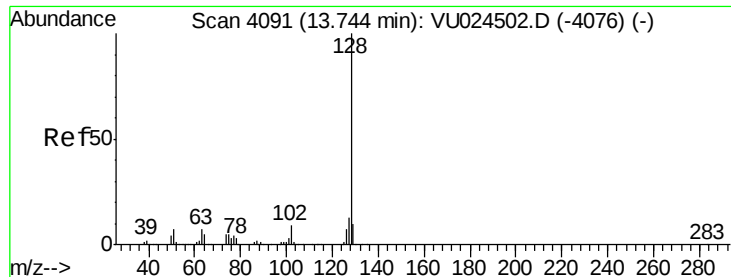
Tgt Ion:119 Resp: 2313
Ion Ratio Lower Upper
119 100
134 35.0 12.9 38.6
91 43.1 12.0 36.1#



#90
Hexachloroethane
Concen: 0.217 ug/l
RT: 12.36 min Scan# 3661
Delta R.T. 0.21 min
Lab File: VU024768.D
Acq: 20 Jun 2018 19:33

Tgt Ion:117 Resp: 458
Ion Ratio Lower Upper
117 100
201 0.0 41.1 123.3#





#95

Naphthalene

Concen: 1.867 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU024768.D

Acq: 20 Jun 2018 19:33

Instrument :

MSVOA_U

ClientSampleId :

TPTW-03

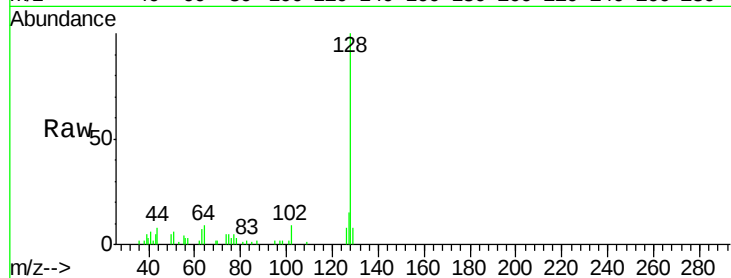
Tgt Ion:128 Resp: 13350

Ion Ratio Lower Upper

128 100

127 13.8 10.6 16.0

129 10.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

